

# STANLEY ELECTRIC TOOLS CATALOGUE NO. 66



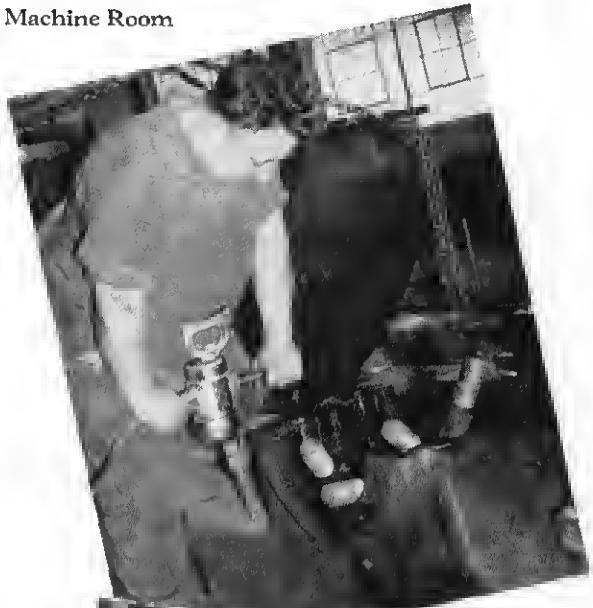
# STANLEY ELECTRIC TOOLS

*"Cost Less Per Year"*



FOR INDUSTRY

Machine Room



Woodworking Plant



Millwright



Production Line

## Stanley Electric Tools

**"Built for Industry" — "Cost Less Per Year"**

Industry demands that electric tools be compact and balanced for easy handling — guarded for safe operation — rugged and strong — and pack extra power to work all day on production and maintenance jobs.

That is how Stanley builds electric tools — that is why Stanley Electric Tools *cost less per year of service* than ordinary tools. See them — compare them — your Stanley distributor will be glad to arrange a free demonstration of the tools that interest you.

# STANLEY

## ELECTRIC TOOLS



## CATALOGUE

### No. 66

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THE STANLEY ELECTRIC TOOL DIVISION  
THE STANLEY WORKS  
NEW BRITAIN, CONN., U. S. A.

Export Dept., 100 Lafayette St., New York City, U. S. A.  
Branch Offices, Warehouses and Service Stations

NEW YORK  
100 Lafayette Street

CHICAGO  
61 West Kinzie Street

PHILADELPHIA  
13 South Letitia Street

#### Branch Offices

Cleveland, Los Angeles, San Francisco, Seattle, Montreal

#### Service Stations

Completely equipped Service Stations are located in the following cities:

New York, Chicago, Boston, Cleveland, Buffalo, Detroit, Seattle,  
San Francisco, Oakland, Los Angeles, Cincinnati.

See the telephone directory of these cities. Service Stations carry complete stocks of genuine  
Stanley parts. All repair work is controlled by the factory.

Printed in U. S. A.

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•	
A Complete Line for Industry.	

Trade  
Cat  
S79  
1939

# Stanley Electric Tools

Since 1850, tool users and tool buyers have accepted the name *Stanley* as standing for fine tools — as a guarantee for quality. The same high quality materials, the same workmanship and the same fair dealing that have built lasting good will for Stanley Hand Tools are behind Stanley Electric Tools.

**Tests:** Stanley Electric Tools are mechanically and electrically correct. Before leaving the factory all tools, in addition to careful inspection, are subjected to a long running test and all electrical parts and connections to a 900 volt test for grounds.

**Voltages:** Stanley Electric Tools will operate satisfactorily on voltages 5% over or under voltages specified.

**Guarantee:** Every Stanley Electric Tool has been carefully inspected before shipment, and we guarantee to replace any defect due to faulty material or workmanship. Our obligation assumed under this guarantee is limited to making replacement of any part or parts returned to us at our factory, New Britain, Connecticut, or to our authorized service stations, transportation charges prepaid, which prove to our satisfaction upon examination to have been defective and have not been misused or carelessly handled.

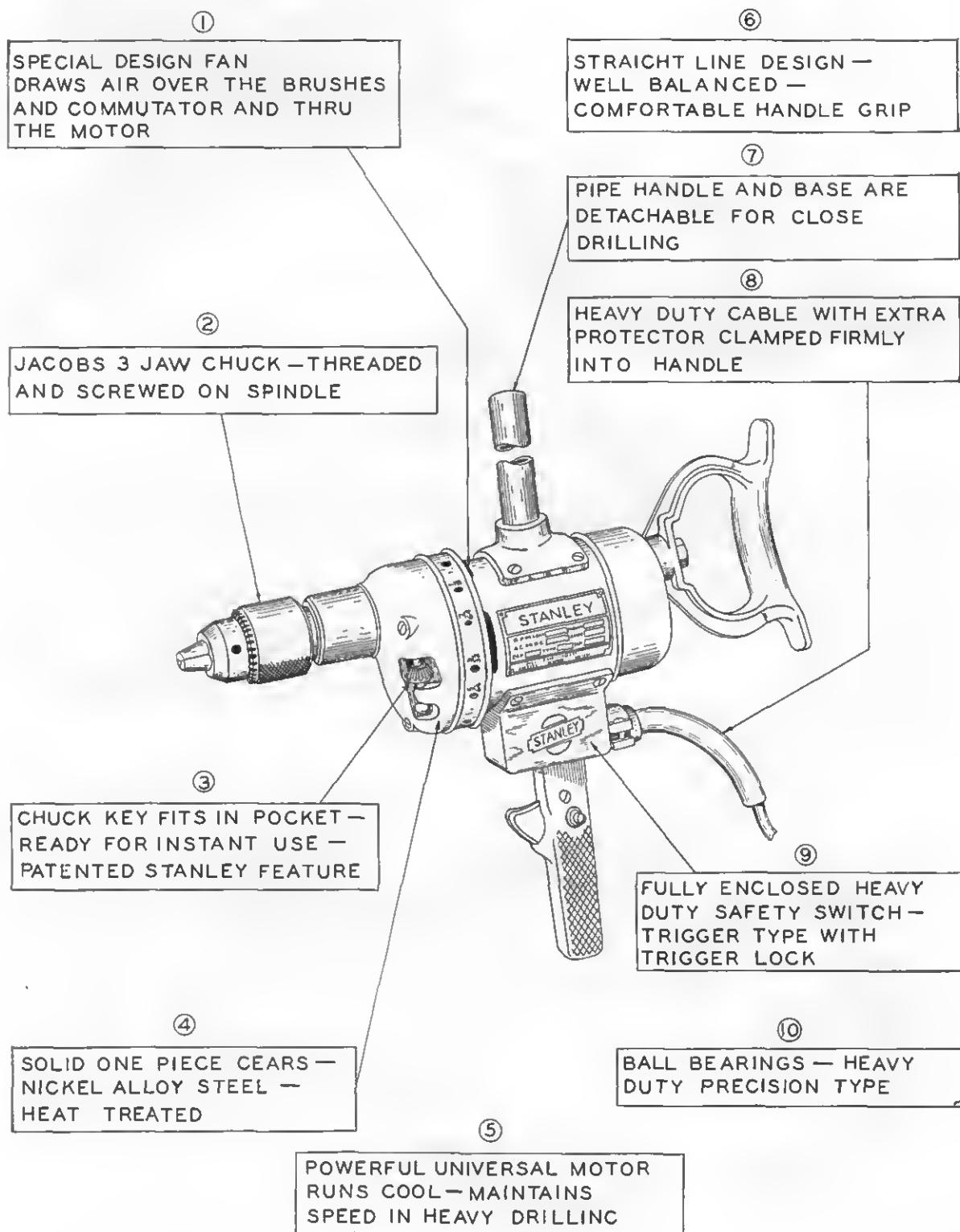
We reserve the right to decline responsibility where repairs have been made or attempted by others. This guarantee is in lieu of any other liability on our Electric Tools or parts. None other is authorized.

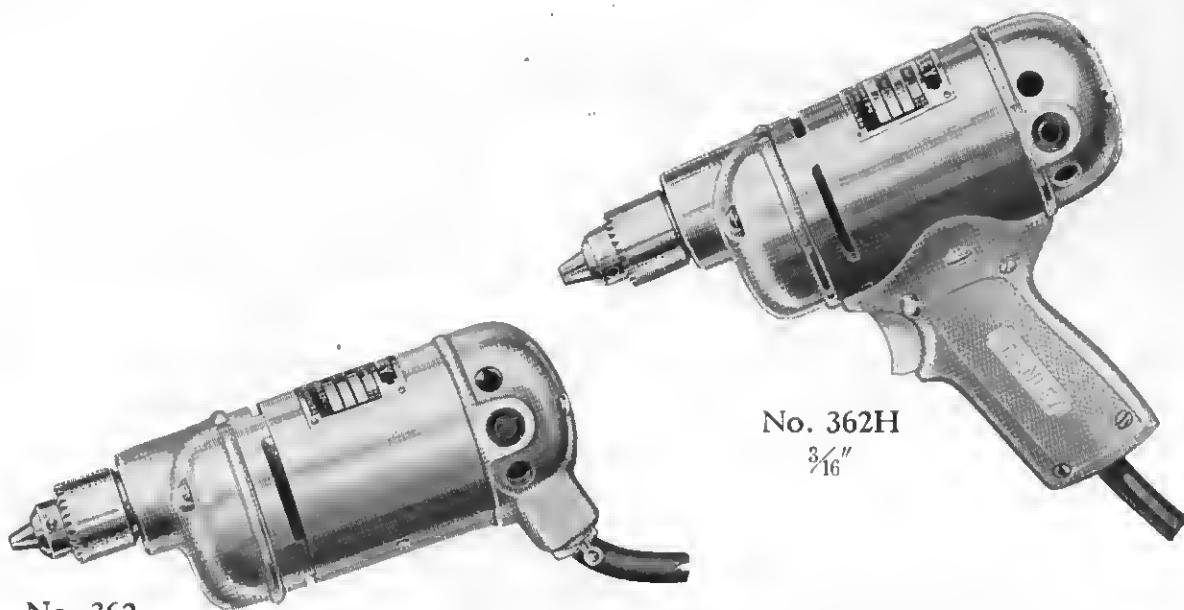


Here Is Where Stanley Electric Tools Are Made — Tool Manufacturing Plant of The Stanley Works



# Stanley Electric Drills





No. 362

$\frac{3}{16}$ "

## Stanley Electric Drills

No. 362 — a  $\frac{3}{16}$ " Electric Drill, only  $2\frac{3}{4}$ " diameter, designed for production work where a light weight, quality Drill is required. Available in three different speeds for fast drilling in either metal, wood or other materials. The compact design allows close quarter drilling for use in aviation industry, coach and bus construction, for furniture factories, radio, refrigerator, electrical and automobile industries. In fact, anywhere a Drill of this capacity is required.

### Special Features

Gears — nickel steel, specially heat treated.  
 Motor shaft supported on seal type ball bearings.  
 Chuck spindle mounted on ball bearings; outer bearing seal type.  
 Strong aluminum alloy housing.  
 Enclosed "On" and "Off" switch mounted in rear end bell.  
 Positive cord clamp on Drill.  
 Heavy rubber 3 wire cable.  
 Chuck three-jaw.

### No. 362-H Electric Drill

This Drill has the same "feel" and is just as easy to handle as an "Automatic". Specifications the same as No. 362 except equipped with "Automatic" pistol type handle mounted in a position to give a perfectly balanced tool. Double-pole switch trigger type fully enclosed mounted in the handle with lock to hold in "on" position when desired.

### No. 462 Electric Drill

$\frac{1}{4}$ " capacity Electric Drill with all features of No. 362.

### No. 462-H Electric Drill

$\frac{1}{4}$ " capacity Electric Drill with all features of No. 362H.

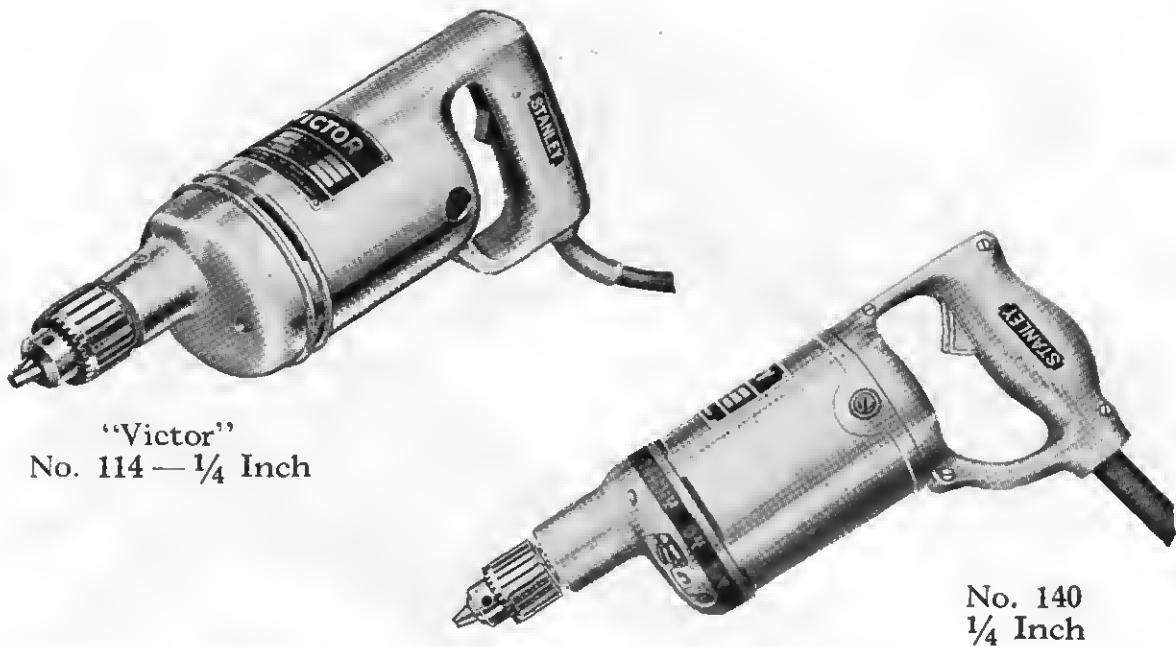
### Specifications

Motor: Universal Type, operates on either D.C. or A.C. 60 cycles or less.  
 Heavy Duty three-jaw chuck and "T" type chuck key. Specify number and voltage desired.

Type No.	Capacity	Amps. at Full Load 115 Volts	Voltages	Chuck Speed R.P.M.	Length Overall	Net Weight	Shipping Weight
362	$\frac{3}{16}$ in steel or wood	19	110, 125 150, 220 230, or 250 as Specified	2000 No Load 1300 Full Load or 3000 No Load 2000 Full Load or 4200 No Load 2500 Full Load As specified	$8\frac{1}{4}$ "	$3\frac{3}{4}$ lbs	$5\frac{3}{4}$ lbs.
362H					$8\frac{1}{4}$ "	$4\frac{1}{8}$ lbs	$6\frac{1}{2}$ lbs.
462	$\frac{1}{4}$ in non-ferrous metals. or wood	19			$8\frac{1}{4}$ "	$3\frac{7}{8}$ lbs.	$5\frac{7}{8}$ lbs.
462H					$8\frac{1}{4}$ "	$4\frac{1}{4}$ lbs.	$6\frac{5}{8}$ lbs.

Nos. 362 and 462 Drills can be furnished with Economo Switch as on No. 02M Screw Driver — See page 32.

Nos. 462 and 462H Drills with no load chuck speed 750 R.P.M. available.



"Victor"  
No. 114 —  $\frac{1}{4}$  Inch

No. 140  
 $\frac{1}{4}$  Inch

## Stanley Electric Drills

"Victor" No. 114 — A Stanley quality, low priced, compact, sturdy electric drill with ample power to drill in wood, metal and composition materials up to its rated capacity. Ideal for service jobs encountered by plumbers, garage men, electricians, carpenters, installers of oil burners and air conditioners.

### No. 114 — $\frac{1}{4}$ "

Motor housing and handle cast in one piece  
Armature mounted on oil impregnated bronze sleeve bearings.  
Gears — alloy steel, specially heat treated.  
Rocker motion switch, conveniently located in handle.  
Can be used in Stanley Drill Stand No. 531A for Drill Press or it can be held in a horizontal position in Bench Stand No. 530.

No. 140 — The combination of power, proper speed, light weight and perfect balance gives this Drill a wide range of usefulness in garages, factory and woodworking plants for wood and metal drilling. It is also valuable for running buffing wheels, scratch brushes and grinding wheels.

### No. 140 — $\frac{1}{4}$ "

Armature shaft supported on large, seal type ball bearings.  
Gears — nickel steel, specially heat treated.  
Automatic release safety switch.  
"L" type chuck key held in spindle housing.  
Handy drill gauge around Drill is graduated from  $\frac{1}{16}$ " to  $\frac{1}{4}$ ". It eliminates guessing or looking for a micrometer.  
Drill can be used in Stanley Drill Stand No. 531 or Bench Stand No. 530.

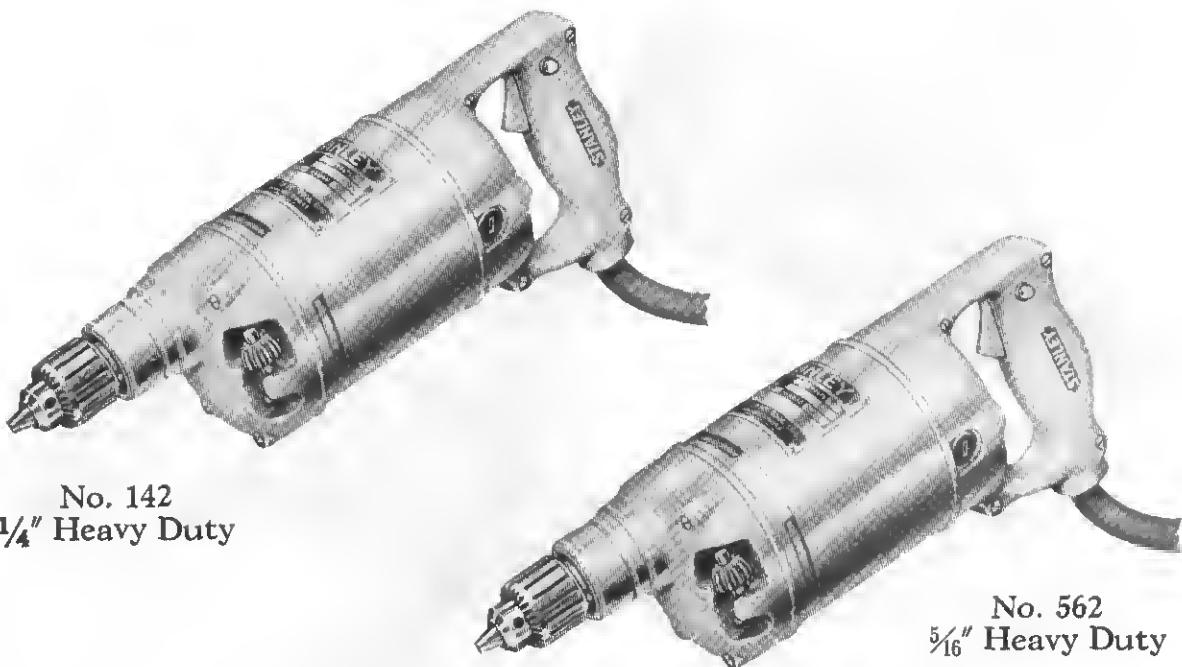
### Special Features applying to Nos. 114 and 140 Drills

Strong aluminum housing. Straight line design permits working close to horizontal or perpendicular surfaces. Ample ventilation to insure a cool running motor. Thrust ball bearing on spindle. Heavy rubber covered three-wire cable. Positive cable clamp in handle prevents strain on wire connections.

### Specifications

Motor: Universal type, operates on either D.C. or A.C. 60 cycles or less.  
Heavy duty three-jaw chuck. Specify number and voltage desired.

Type No.	Capacity	Amperes Full Load At 115 Volts	Voltages	Chuck Speed R.P.M.	Length Overall	Net Weight	Shipping Weight
114	$\frac{1}{4}$ " in Steel	1.8	110, 125, 150, 220, 230 or 250 as specified	2000 No Load 1400 Full Load	12"	5 $\frac{3}{4}$ lbs.	7 lbs.
140		2.0		1900 No Load 1300 Full Load	13"	6 $\frac{1}{2}$ lbs.	10 lbs.



No. 142  
1/4" Heavy Duty

No. 562  
5/16" Heavy Duty

## Stanley Electric Drills

Designed for production work where drills of this capacity are required. They combine a powerful motor with well-balanced design. These drills will operate satisfactorily in either wood or metal and are very handy for brushing metal with wire wheel brushes, for driving carbon cleaning brushes and for light grinding and buffing work. Used with Drill Stand No. 532 they make a handy Drill Press.

### Special Features

Gears — nickel steel, specially heat treated.  
Seal Type ball bearings support motor shaft.  
Seal Type radial thrust ball bearing on spindle.  
Strong aluminum alloy housing.  
Enclosed Double Pole automatic release safety switch with locking device.  
Positive cord clamp in Handle.  
Heavy rubber covered three-wire cable.  
Chuck key held in gear housing.

### No. 142. 1/4" Heavy Duty

Recommended for the steel worker, building contractor, millwright, garage mechanic and for production work in metal or woodworking plants.

### No. 562. 5/16" Heavy Duty

Recommended for use in garages, factories, for structural work — anywhere that a powerful drill of 5/16" capacity is desired.

### Specifications

Motor: Universal type — operates on either D.C. or A.C. 60 cycles or less.

Heavy duty threaded three-jaw chuck.

Can be furnished, special, with keyless type chuck.

Specify number and voltage.

Type No.	Capacity	Amperes Full Load at 115 Volts	Voltages	Chuck Speed R.P.M.	Length Overall	Net Weight	Shipping Weight
142	1/4" in steel 1" in wood	4.3		1400 No Load 1000 Full Load	13 5/8"	8 3/4 lbs.	11 1/2 lbs.
142 Special Speed	1/4" in steel 3/4" in wood	4.3	32, 110, 125, 150, 220, 230 or 250	2000 No Load 1500 Full Load	13 5/8"	8 3/4 lbs.	11 1/2 lbs.
562	5/16" in steel 1 1/8" in wood	4.3	as specified	1100 No Load 750 Full Load	13 5/8"	8 3/4 lbs.	11 1/2 lbs.



No. 381  
3/8 Inch

No. 382  
3/8" Heavy Duty

Auxiliary Handle for No. 381 or No. 125

## Stanley Electric Drills

No. 381—Light weight, heavy powered 3/8" Drill for manufacturers of railroad coaches, truck bodies and trailers, for service men and repair work in factories. Chuck speed is right for drilling through sheet metal, plywood, hard fibre board, etc. Auxiliary Handle, available as extra equipment, gives an extra grip. Use Drill Stand No. 532.

No. 382—The slow spindle speed and powerful motor make this Heavy Duty 3/8" Drill especially valuable for millwrights, structural workers and others for wood and metal drilling. Equipped with combination spade and breast plate handle. Stainless steel gauge, built around drill, graduated from 7/64" to 1/2". Use Drill Stand No. 533.

No. 125—Light weight, slow speed 1/2" Drill for drilling alloy steels, driving hole saws and for maintenance work. Similar in design to No. 381. Auxiliary Handle, available as extra equipment, provides extra grip.

### Special Features

Gears—nickel steel, specially heat treated.  
Motor shaft mounted on seal type ball bearings.  
Thrust ball bearing on spindle.  
Strong aluminum alloy housing.

Automatic release safety switch with locking device.  
Positive cord clamp eliminates strain on connections.  
Heavy rubber covered three-wire cable.  
Nos. 381 and 382—Chuck key held in gear housing.

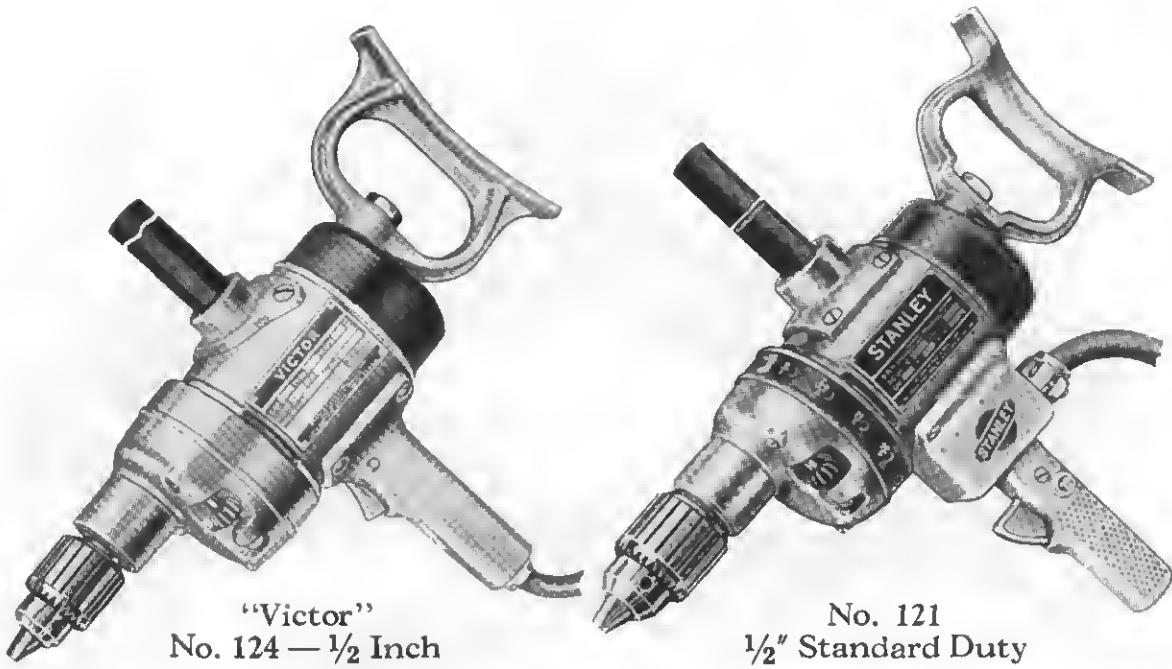
### Specifications

Motor: Universal type—operates on either D.C. or A.C. 60 cycles or less.  
Heavy duty three-jaw chuck.

Can be furnished special, with keyless type chuck. Specify number and voltage.

Type No.	Capacity	Amperes Full Load At 115 volts	Voltages	Chuck Speed R.P.M.	Length Overall	Net Weight	Shipping Weight
381	3/8" in steel 1 1/8" in wood	4.3	110, 125	900 No Load 600 Full Load	14"	9 lbs	12 lbs.
382	3/8" in steel 1 1/8" in wood	4.5	150, 220 230 or 250 as specified	800 No Load 600 Full Load	16"	13 lbs.	16 1/2 lbs.
125	1/2" in steel	4.5		450 No Load 330 Full Load	14 1/2"	11 lbs.	14 lbs.

No. 382 also furnished with 32 volt motor.



"Victor"  
No. 124 —  $\frac{1}{2}$  Inch

No. 121  
 $\frac{1}{2}$ " Standard Duty

## Stanley Electric Drills

### "Victor" No. 124— $\frac{1}{2}$ "

A compact, low-priced Drill, built to specifications which insure long service for contractors, automotive mechanics, plumbers, oil burner installers and others who desire a  $\frac{1}{2}$ " Drill for wood and metal drilling and for hole saw work.

Gears — nickel steel, specially heat treated.

Motor shaft supported on seal type ball bearings.

Thrust ball bearing on spindle.

Strong aluminum alloy housing.

Automatic release safety switch with locking device.

Positive cable clamp on drill.

### Special Features

Heavy rubber covered three-wire cable.

Chuck key held in gear housing.

Combination spade and breast plate handle.

Pipe handle is detachable as is also the pipe handle casting which permits use of the Drill for close quarter work. Can be used with Stanley Bench Drill Stand No. 533 for a practical Drill Press.

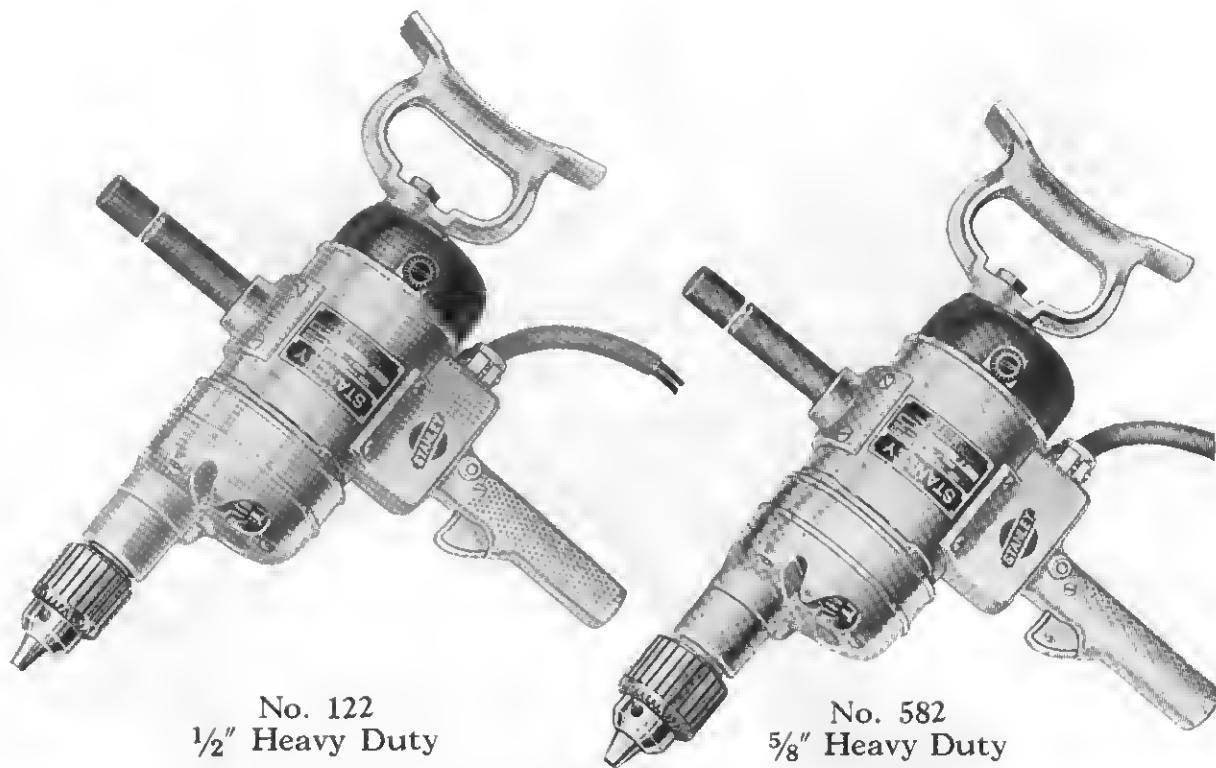
### Specifications

Motor: Universal type — operates on either D.C. or A.C. 60 cycles or less.

Three-jaw chuck. Specify number and voltage.

Can be furnished special, with keyless type chuck.

Type No.	Capacity	Amperes Full Load At 115 Volts	Voltages	Chuck Speed R.P.M.	Length Overall	Net Weight	Shipping Weight
124	$\frac{1}{2}$ " in Steel	4.3	32, 110, 125, 150, 220, 230 or 250 as Specified	500 No Load 340 Full Load	$15\frac{1}{2}$ "	12 $\frac{1}{2}$ lbs.	17 $\frac{1}{2}$ lbs.
121	$1\frac{3}{8}$ " in Wood	4.5		550 No Load 380 Full Load	16"	13 lbs.	18 lbs.



No. 122  
1/2" Heavy Duty

No. 582  
5/8" Heavy Duty

## Stanley Electric Drills

Rugged general purpose Drills for heavy construction, repair and production work. They are tremendously powerful, sturdy, well balanced and easy to handle. Used in Stanley Drill Stand No. 535 they provide efficient Drill Presses for all kinds of heavy bench drilling.

### Special Features

Gears — nickel steel, specially heat treated.  
Seal Type ball bearings support motor shaft.  
Thrust ball bearing on spindle.  
Strong aluminum alloy housing.  
Automatic release safety switch with locking device.  
Positive cord clamp on drill.  
Heavy rubber covered three-wire cable.  
Chuck key held in gear housing.  
Combination spade and breast plate.  
The pipe handle is detachable as is also the pipe handle casting. This is a distinctive feature on

Stanley Drills and permits using the drill under the closest working conditions.

### No. 122. 1/2" Heavy Duty

A new heavy duty, all around drill with seal type ball bearings for automotive repairing and factory maintenance work. Can be furnished special with a keyless type chuck if so ordered. Used in Drill Stand No. 535.

### No. 582. 5/8" Heavy Duty

A powerful heavy duty tool that is very popular for heavy construction and structural work, for machinery repairing and similar work. Used in Drill Stand No. 535.

### Specifications

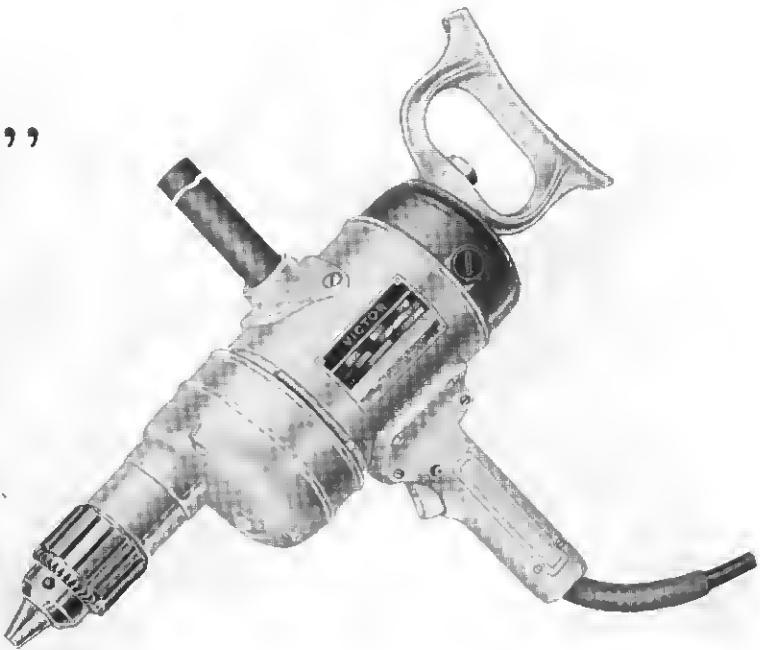
Motor: Universal type — operates on D.C. or A.C. 60 cycles or less.  
Heavy duty threaded three-jaw chuck. Specify number and voltage

Type No	Capacity	Amperes Full Load at 115 Volts	Voltages	Chuck Speed R.P.M.	Length Overall	Net Weight	Shipping Weight
122 Heavy Duty	1/2" in steel 1 1/2" in wood	7.0	110, 125, 150, 220, 230 or 250 as specified	500 No Load 385 Full Load	19 1/4"	20 1/2 lbs.	34 lbs.
582 Heavy Duty	5/8" in steel 1 5/8" in wood	7.0		420 No Load 290 Full Load	19 1/4"	20 1/2 lbs.	34 lbs.

# “VICTOR” DRILLS

5/8" AND 3/4"

No. 581 — 5/8"  
No. 341 — 3/4"



## Stanley Electric Drills

Sturdy, compact, low price Drills, with ample power to drill in metal, wood and composition materials up to their rated capacities. General purpose Drills built for contractors, automotive mechanics, plumbers, heating and ventilating contractors, and for maintenance work.

Drill Stand No. 535 can be used to convert either No. 581 or No. 341 Drill into an efficient Drill Press.

### Special Features

Gears — nickel steel, specially heat treated.	Positive cord clamp on drill.
Motor shaft supported on seal type ball bearings.	Heavy rubber covered three-wire cable.
Thrust ball bearing on spindle.	Chuck key held in clip on auxiliary handle base.
Strong aluminum alloy housing.	Combination breast plate and spade handle.
Automatic release safety switch with locking device.	Pipe handle is detachable as is also the pipe handle casting which permits the use of the Drill for close quarter work.

### Specifications

Motor: Universal type — operates on either A.C. or D.C. 60 cycles or less.

Chuck: Three-jaw screwed on spindle.  
Specify number and voltage.

Type No.	Capacity	Amperes Full Load at 115 Volts	Voltages	Chuck Speed R.P.M.	Length Overall	Net Weight	Shipping Weight
581	5/8" in steel 1 5/8" in wood	7.0	110, 125, 150, 220, 230 or 250 as specified	420 No Load 290 Full Load	18 5/8"	19 1/2 lbs.	33 lbs.
341	3/4" in steel 1 3/4" in wood	7.2		380 No Load 240 Full Load	18 3/4"	20 1/2 lbs.	34 lbs.

No. 342  
3/4" Heavy Duty Drill



## Stanley Drill

The rugged construction and powerful motor of this 3/4" heavy duty Drill insure continuous and satisfactory service on the heaviest repair jobs as well as on mass production work. It is unsurpassed for cylinder honing. Thrust ball bearings on each end of the spindle take care of heavy honing loads.

Drill Stand No. 535 can be used to convert this Drill into a practical Drill Press.

### Special Features

Gears — nickel steel, specially heat treated.

Chuck key held in gear housing

Ball bearing supported motor shaft.

Combination spade and breast plate handle.

Strong aluminum alloy housing.

Pipe handle is detachable as is also the pipe

Automatic release safety switch with locking device.

handle casting which permits the use of the Drill for close quarter work.

Positive cord clamp on drill.

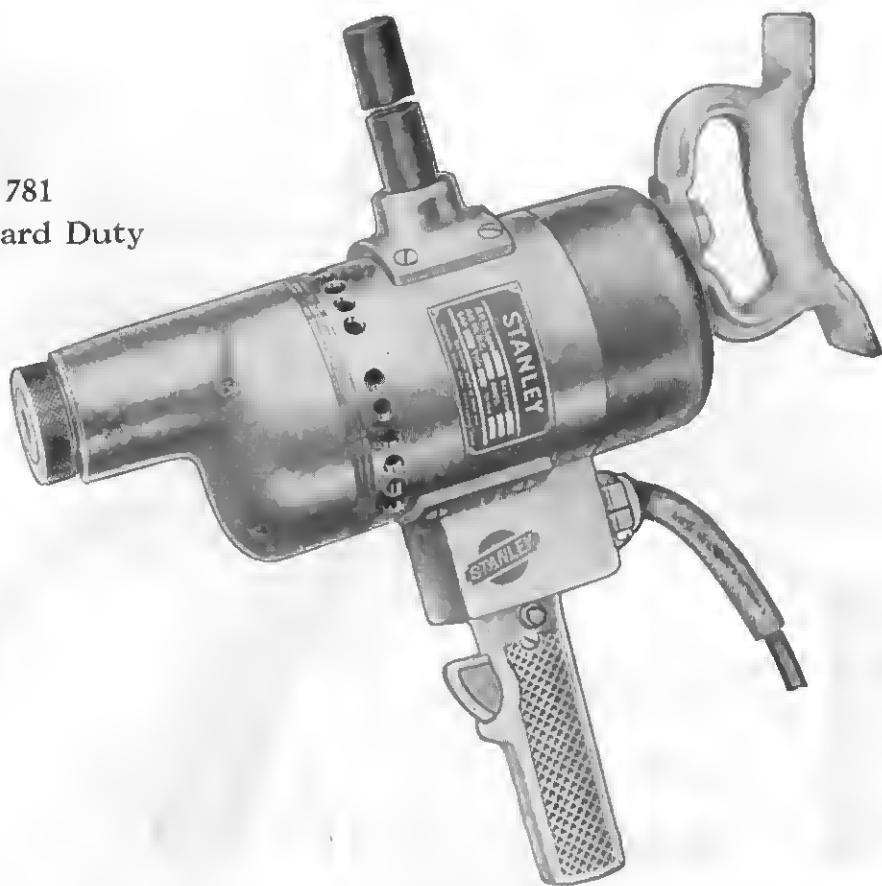
Heavy rubber covered three-wire cable.

### Specifications

Motor: Universal type — operates on either D.C. or A.C. 60 cycles or less.  
Heavy duty threaded three-jaw chuck. Specify number and voltage.

Type No.	Capacity	Amperes Full Load at 115 Volts	Voltages	Chuck Speed R.P.M.	Length Overall	Net Weight	Shipping Weight
342 Heavy Duty	3/4" in steel 1 1/8" in wood	8.0	110, 125, 150, 220, 230 or 250 as specified	350 No Load 190 Full Load	20"	24 lbs.	37 lbs.

No. 781  
7/8" Standard Duty



## Stanley Electric Drill

A powerful tool for heavy drilling and light reaming on either production, maintenance or construction work. Furnished two ways: — No. 781 with a No. 2 Morse Taper Socket, and No. 781A with a No. 3 Morse Taper Socket. The taper shank bit fits into a removable taper sleeve which is held in place by a knurled collar screwed on the spindle. With the Chucks mounted on Morse Taper Arbors shown on page 14 it can be used with straight shank drills. To use No. 781 as a Drill Press order Bench Drill Stand No. 536. To use No. 781A as a Drill Press order Bench Drill Stand No. 536A.

### Special Features of Stanley Drills Nos. 781 and 781A

Gears — nickel steel, specially heat treated.

Positive cord clamp on drill.

Ball bearing supported motor shaft.

Heavy rubber covered three-wire cable.

Thrust ball bearing on spindle.

Combination spade and breast plate handle.

Strong aluminum alloy housing.

The pipe handle is detachable as is also the pipe handle casting. This is a distinctive feature and permits using the drill under the closest working conditions.

### Specifications

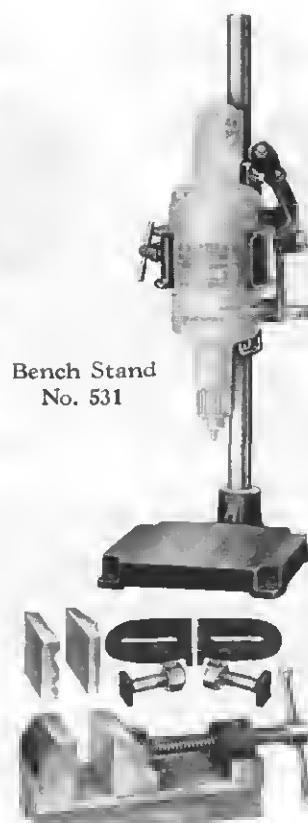
Motor: Universal type — operates on either D.C. or A.C. 60 cycles or less.  
Specify number and voltage

Type No. Standard Duty	Capacity	Amperes Full Load at 115 Volts	Voltages	Chuck Speed R.P.M.	Length Overall	Net Weight	Shipping Weight
781 with No. 2 Taper Socket	7/8" in steel	8.0	110 125, 150, 220, 230 or 250 as specified	350 No Load 190 Full Load	17 7/8"	21 lbs.	36 lbs.
781A with No. 3 Taper Socket	2" in wood				18 3/4"	22 lbs.	37 lbs.

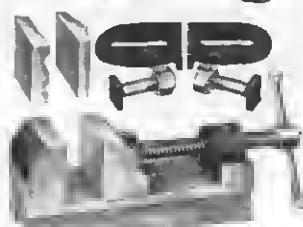
Taper Sleeve Adapter for No. 781 Stanley Drill to hold No. 1 Morse Taper Shank Drills can be furnished extra.



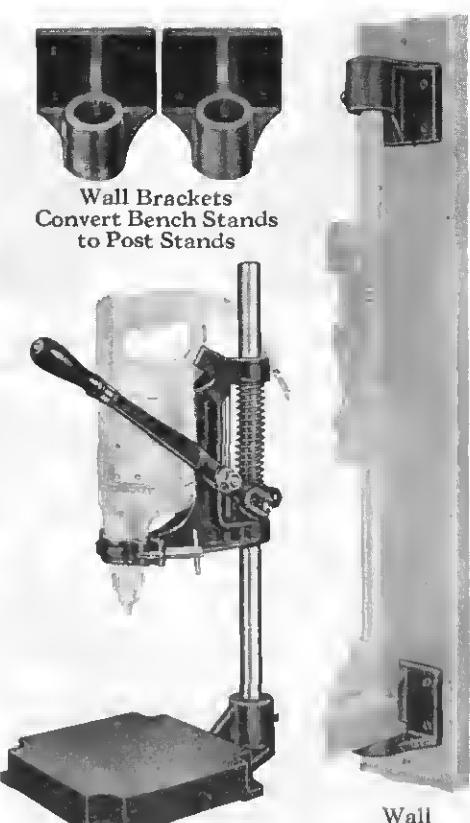
Bench Stand  
No. 535



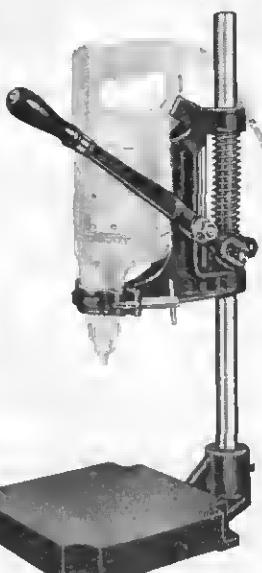
Bench Stand  
No. 531



Bench Stand  
Vise No. 537W



Wall Brackets  
Convert Bench Stands  
to Post Stands



Bench Stand  
No. 532

Wall  
Brackets  
Applied

## Stanley Drill Stands

A Stanley Electric Drill and a Drill Stand make an economical Drill Press. Drill is securely locked in the stand by tightening clamp screw. Drill Bracket can be moved up or down or turned sideways.

Type	Used With Drills	Used With Screw Drivers	Length of Column	Maximum Feed	Max. Distance Chuck to Base	Shipping Weight
No. 531 Bench	*362, *462, 140	*02, 2, 32	22"	2½"	11"	36 lbs.
No. 531A Bench	114	1, 31	22"	2½"	11"	36 lbs.
No. 532 Bench	142, 562, 381		22"	2½"	11"	36 lbs.
No. 533 Bench	†382, †121, †124		30"	4"	13"	65 lbs.
No. 535 Bench	†122, †582, †341 342, 581		36"	4"	16"	80 lbs.
No. 536 Bench	781		36"	4"	18½"	80 lbs.
No. 536A Bench	781A		36"	4"	18½"	80 lbs.

\*Used with Adapter No. 547W.

(Not furnished with stand.)

†Used with Adapter No. 549.

(Regularly furnished with these stands.)

‡Used with Adapter No. 649.

(Regularly furnished with these stands.)

### Wall Brackets

These Brackets convert your Stanley Stand into a Post Stand. Sold in pairs — one for top and one for bottom of column.

No. 3 for Stand No. 533.

No. 5 for Stands Nos. 535 and 536.

Weight per pair — 5 lbs.

### Bench Stand No. 530

Holds Drills Nos. 114, 140, 142, 562, 381 and 125 for buff-

ing, scratch brushing and light grinding. With Adapter No. 547 it will hold Drills Nos. 362, 462, and Screw Driver No. 02. Also valuable for holding screw drivers Nos. 1, 2, 31 and 32 in a fixed horizontal position. Diameter of Base 4½". Weight 5 lbs.

### Bench Drill Vise No. 537W

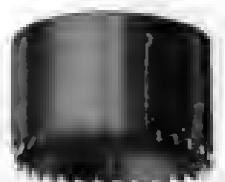
Used with Drill Stands Nos. 533, 535, 536 and 536A to hold round or irregular shaped work. Furnished complete with clamps for fastening vise to base of stand. Jaws 2½" wide, open to 3".



Hole Saw Complete



Adapter, Holder, Saw Blade, Screw and Nut



Saw Blade Only



Mandrel

## Stanley Hole Saws

For Use With  $\frac{1}{2}$ ",  $\frac{5}{8}$ " and  $\frac{3}{4}$ " Electric Drills

Stanley High Spced Steel Hole Saws cut clean round holes in any material that can be cut with a hack saw. The saw blades which are made of the finest high speed alloy steel cut faster, cleaner and last longer than those of ordinary steel. The saw blade holders are made of malleable iron with the sides and the bottom milled true. An improved locking device firmly fastens the saw blade against the side and bottom of the holder.

### Specifications

#### To Cut $\frac{1}{4}$ " Deep

No. 500A — Hole Saw Complete

No. 591A — Saw Blade only.

No. 592A — Adapter, Holder, Sawblade, Screws and Nut.

Saw Size	Teeth Per in.	Amer. Standard Taper Pipe Tap Size	Conduit Size
$\frac{3}{8}$ "	10	...	$\frac{3}{8}$ "
$\frac{5}{8}$ "	10	$\frac{1}{4}$ "	$\frac{5}{8}$ "
$1$ "	10	$\frac{1}{4}$ "	$\frac{3}{4}$ "
$1\frac{1}{8}$ "	8	$\frac{1}{4}$ "	$1\frac{1}{8}$ "
$1\frac{1}{4}$ "	8	...	$1\frac{1}{4}$ "
$1\frac{3}{8}$ "	8	...	$1\frac{3}{8}$ "
$1\frac{1}{2}$ "	8	...	$1\frac{1}{2}$ "
$1\frac{5}{8}$ "	8	$\frac{1}{4}$ "	$2\frac{1}{8}$ "
$2$ "	6	$\frac{1}{4}$ "	$2$ "
$2\frac{1}{8}$ "	6	$\frac{1}{4}$ "	$2\frac{1}{8}$ "
$2\frac{1}{4}$ "	6	...	$2\frac{1}{4}$ "
$2\frac{5}{8}$ "	6	...	$2\frac{5}{8}$ "
$3$ "	6	...	$2\frac{1}{2}$ "
$3\frac{1}{8}$ "	6	...	$3\frac{1}{8}$ "
$3\frac{1}{4}$ "	6	...	$3\frac{1}{4}$ "

#### Mandrels for Hole Saws to cut $\frac{1}{4}$ " Deep

No. 593A — For  $\frac{3}{8}$ " to  $1\frac{1}{8}$ " Saws.

No. 594A — For  $1\frac{1}{8}$ " to  $3\frac{1}{8}$ " Saws.

#### To Cut $\frac{1}{8}$ " Deep

No. 590E — Hole Saw Complete

No. 591E — Saw Blade Only

No. 592E — Adapter, Holder, Saw Blade, Screw and Nut.

Saw Size	Teeth Per in.	Amer. Standard Taper Pipe Tap Size	Conduit Size
$1\frac{1}{8}$ "	6	...	$\frac{3}{4}$ "
$1\frac{1}{4}$ "	6	...	...
$1\frac{3}{8}$ "	6	...	...
$1\frac{1}{2}$ "	6	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "
$2$ "	4	$2$ "	$1\frac{1}{2}$ "
$2\frac{1}{8}$ "	4	...	$2$ "
$3$ "	4	...	$2\frac{1}{2}$ "
$3\frac{1}{8}$ "	4	...	$3\frac{1}{8}$ "

Mandrels for Above — Nos. 593A and 594A (described in first column this page).

#### To Cut $1\frac{1}{8}$ " Deep

No. 590D — Hole Saw Complete

No. 591D — Saw Blade Only

No. 592D — Adapter, Holder, Saw Blade, Screw and Nut.

Saw Size	Teeth Per in.	Amer. Standard Taper Pipe Tap Size	Conduit Size
$1\frac{1}{8}$ "	4	...	...
$2$ "	4	...	...
$2\frac{1}{8}$ "	4	...	...
$3$ "	4	...	...
$3\frac{1}{8}$ "	4	...	...

#### Mandrel for Hole Saw To Cut $1\frac{1}{8}$ " Deep

No. 594D — For  $1\frac{1}{8}$ " to  $3\frac{1}{8}$ " Saws.

## Stanley Drill Chucks

### Gear Type Chucks

Three-jaw gear type chuck with chuck key. Standard equipment on Stanley Electric Drills. Seven sizes —  $\frac{5}{16}$ ",  $\frac{1}{4}$ ",  $\frac{3}{16}$ ",  $\frac{1}{8}$ ",  $\frac{5}{32}$ ",  $\frac{3}{16}$ ",  $\frac{1}{4}$ ".

Specify Number of Drill on which chuck is to be used.



Gear Type Chuck



Keyless Type Chuck

### Chucks Mounted on Morse Taper Arbors

For use with Nos. 781 and 781A Stanley Electric Drills.

No. 2 — With  $\frac{3}{8}$ " Chuck and "L" shaped key for No. 781.

No. 3 — With  $\frac{1}{2}$ " Chuck and "L" shaped key for No. 781A.



Chuck on Morse Taper Arbor

### Collets for Taper Shank Drills

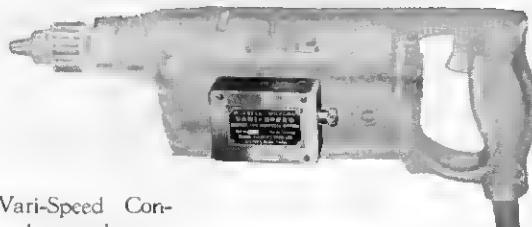
Can be screwed on Stanley Drills No. 382 and larger in place of three-jaw chuck.

Collet No. 1 — for Morse Taper Shank Drills.

Collet No. 2 — for Morse Taper Shank Drills.

# Stanley Drill and Grinder Attachments

## RUSSELL-WILFORD VARI-SPEED



Vari-Speed Control may be applied on Electric Tools for use on A.C. current only.

Can be used on Stanley Electric Drills No. 341 and smaller, all Screw Drivers, Portable Grinder No. 565, Tool Room Grinders Nos. 585 and 585A, Disc Sanders No. 77 and 589, Safety Saw No. W60, Mighty Midget, Nos. 16 and 144A Unishears.

By a slight turn of the adjusting screw the speed is reduced as desired down to  $\frac{1}{3}$  of rated speed.

Especially useful in drilling stainless and other alloy steels where slow speed is required and when you want to adopt one tool to different jobs such as sanding and polishing. Vari-Speed Control is manufactured by Pennsylvania Aircraft Syndicate, Ltd. This Control is installed at our plant

## AUGER BITS IN SETS

### For Use with Portable Electric Drills

Stanley Auger Bits have been designed especially for use with Portable Electric Drills. Because of the speed of an electric drill, the auger bits are made more true than ordinary bits.

They can be used in any electric drill having a chuck capacity of  $\frac{1}{4}$ " or more.

### Set No. 555

Eight Bits, one each  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ ,  $\frac{5}{8}$ ,  $\frac{7}{8}$  and 1 inch. Shipping Weight 2 lbs.

### No. 555 Auger Bits

$\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{13}{16}$ ",  $\frac{3}{4}$ ",  $\frac{7}{8}$ ", 1". Each size packed 6 in a Box

## FEED SCREW NO. 541

For drills Nos. 382, 121, 122, 124, 581, 582, 341, 342, 781 and 781A to give regulated pressure feed. It is used with an "old man" or other brace where it is impossible to apply sufficient pressure with the spade handle. Shipping weight  $1\frac{1}{2}$  lbs



## CARBON REMOVING BRUSHES

Used generally for removing carbon from automobile cylinder heads; however, they are also used for removing rust, paint, burrs, etc.



No. 500, Small Size.

No. 502, Large Size



## No. 503 FLARE BRUSH

For getting into corners and out-of-the-way places.

## WIRE WHEEL BRUSHES

For removing paint, cleaning metal and other scratch brush work.

No.	Diam. of Brush	Diam. of Hole
506	4"	$\frac{3}{8}$ or $\frac{1}{2}$
507	6"	$\frac{1}{2}$ or $\frac{5}{8}$
508	8"	Arbor Hole Adapters
509	10"	furnished for
510	12"	$\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{8}$ , $1\frac{1}{4}$ , $1\frac{3}{8}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ .



## CLOTH BUFFING WHEEL No. 546



A cotton rag wheel adapted for all kinds of light buffing work. Size — Diameter 6 in. Thickness  $\frac{1}{2}$  in. Diameter of hole —  $\frac{1}{2}$ ".

## STANLEY GEAR GREASE



Made especially for use in Stanley Electric Tools. Proper lubrication with this grease insures long life for any electric tool.

No. 201 Stanley Fluid Grease

No. 202 Stanley Special Grease

Packed in 5 oz. tubes; 1 lb., 2 lb. and 4 lb. cans.

Specify tools to be lubricated.

## ARBORS

Used to hold grinding, buffing and wire brush wheels with  $\frac{3}{8}$ " or  $\frac{1}{2}$ " holes in Drill Chucks. The wheels can be easily interchanged by removing one nut.

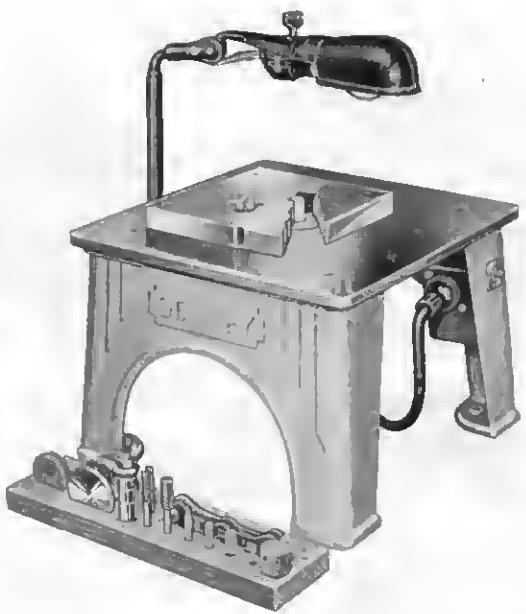
No. 542  $\frac{1}{4}$  inch shank

No. 552  $\frac{1}{2}$  inch shank



## CABLE FOR ELECTRIC TOOLS

Three-wire rubber covered cable with attachment plug. When ordering specify length of cable and tool for which cable is desired



Diamond  
Wheel  
Dresser  
No. 155



Accessory  
for  
No. 150 Grinder

## Stanley Contour Grinder No. 150

$\frac{3}{8}$  H. P. — 18,000 R.P.M.

New High Speed Grinder for tool and die makers for finishing dies, gauges, templets and special shapes. Motor in holder adjustable from  $90^\circ$  to  $45^\circ$ . Mounted point, wheel or rotary file projects through table. With various shaped mounted points,  $\frac{1}{4}$ " shank, in chuck, or wheels on arbor, a great variety of grinding can be done rapidly. Distortion from hardening can be corrected in a fraction of the time usually used in stoning. Blanketing dies can be properly relieved by tilting spindle to correct angle, saving time in filing. With high speed rotary files, great saving is possible in making brass templets, "finding blanks" or trimming operations on non-ferrous metals. Motor unit can be used with special holder, available as extra equipment, for tool post lathe grinding. — See page 17.

### Special Features

Motor  $\frac{3}{8}$  H.P., full ball bearing for smooth running and long life. Plugs in any light socket. Direct drive — no belts or pulleys.

Chuck or arbor screws directly on motor shaft.

Finished steel table top, 12" x 12".

Rubber cushions on feet.

Indicator gauge on side of table shows  $0^\circ$  —  $10^\circ$  tilt of motor.

Toggle switch conveniently located on leg of table.

Light fixture fully adjustable — swings down, leaving table top clear. Controlled by separate switch.

### Complete Equipment

Work Table with motor holder and indicator gauge. Motor unit with three-wire rubber covered cable No. 585E

Adjustable light fixture (no bulb).

6 feet extension cable with extension plug at each end.

Wood Block for holding accessories.

- 1 Chuck No. 12
- 1 Arbor No. 45 with flanges, collar and nut
- 1 Test Piece .250" drill rod
- 1 KK Emery Wheel  $1\frac{1}{2}''$  x  $\frac{3}{8}''$  x  $\frac{5}{16}''$
- 3 Straight Pencil Wheels-A-1 ( $\frac{1}{4}''$ ), A-2 ( $\frac{3}{8}''$ ), A-3 ( $\frac{1}{2}''$ ).
- 1 B-1  $\frac{1}{4}''$  Taper Pencil Wheel
- 1 S Straight Pencil Wheel  $1''$  x  $\frac{3}{4}''$
- 1  $\frac{3}{8}''$  Straight File No. 2502
- 1  $\frac{1}{4}''$  Straight File No. 2501
- 3 Table Collars — No. S7648 ( $\frac{5}{16}''$  Hole), No. S7649 ( $\frac{13}{16}''$  Hole), No. S7650 ( $1\frac{1}{16}''$  Hole)
- 2 Chuck Wrenches No. P5641
- 1 Alemite Grease Gun No. MS384

### Specifications

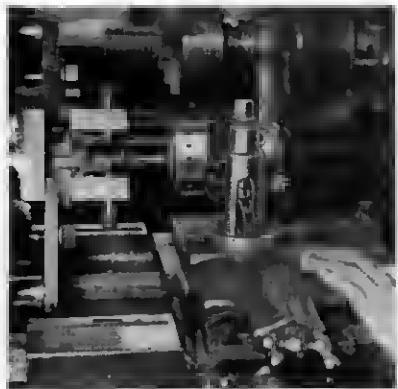
Motor:  $\frac{3}{8}$  H.P. Universal, operates on either D.C. or A.C. 60 cycles or less.

Type No.	Chuck Capacity	Amperes Full Load at 115 volts	Voltages	No Load Speed	Net Weight (Complete Unit)	Shipping Weight (Complete Equipment)
150	$\frac{1}{4}''$	3.0	110, 125, 150, 220, 230 or 250 as specified	18,000 R.P.M.	45 lbs.	58 lbs.

Adapters are available for use in chuck for following shanks: D- $\frac{1}{16}''$ , D- $\frac{1}{8}''$ , D- $\frac{7}{32}''$ .

Accessories listed on pages 17 and 19 available for use with this motor unit.

Diamond Wheel Dresser No. 155 available for use with No. 150 Grinder. Will dress abrasive wheels and mounted points while in working position.



Tool Room Grinder No. 585  
grinding a special  
machine part



## Stanley Tool Room Grinder No. 585

Fastened in various positions in a milling machine, shaper, lathe or Stanley Bench Stand, it can be used for external or internal grinding on dies, punches, special machine parts, spiral cutters, lathe centers, etc., metal cutting in non-ferrous metals, and also as an aerial grinder for free hand grinding.

Built into this efficient Grinder is a Universal motor which provides a maximum output of  $\frac{3}{8}$  H.P. That means ample power for a wider range of usefulness than is possible with the small portable grinders heretofore available. The Stanley Tool Room Grinder will run a  $1\frac{1}{2}'' \times \frac{1}{2}''$  emery wheel and do a real grinding job. (Larger wheels can be used for special work but the abrasive wheel manufacturer should be consulted for his recommendation on grade and bond of wheel to be used.)

### Other Features

Chuck, arbor or internal grinding spindle can be quickly and easily screwed on to motor shaft.

Highest quality precision ball bearings assure smooth running and long life.

End adjustment to compensate for bearing wear that may develop after long usage.

Correct speed — 18,000 R.P.M. no load.

Direct drive — no belts or pulleys.

Seamless drawn steel housing — strong, sturdy and compact.

Alemite grease fittings.

Conveniently located toggle switch.

### BENCH STAND NO. 571

Used with the Stanley Tool Room Grinder, it is a time saver on punch and die work. It has two holders for the Grinder — one in the overarm, and one under the auxiliary table which can be tilted at any angle up to 45°. Base and Table are cast-iron surface machined. Column —  $2\frac{1}{4}'' \times 24''$  — made of heavy steel tubing accurately ground and nickel plated. Shipping weight, 67 lbs.

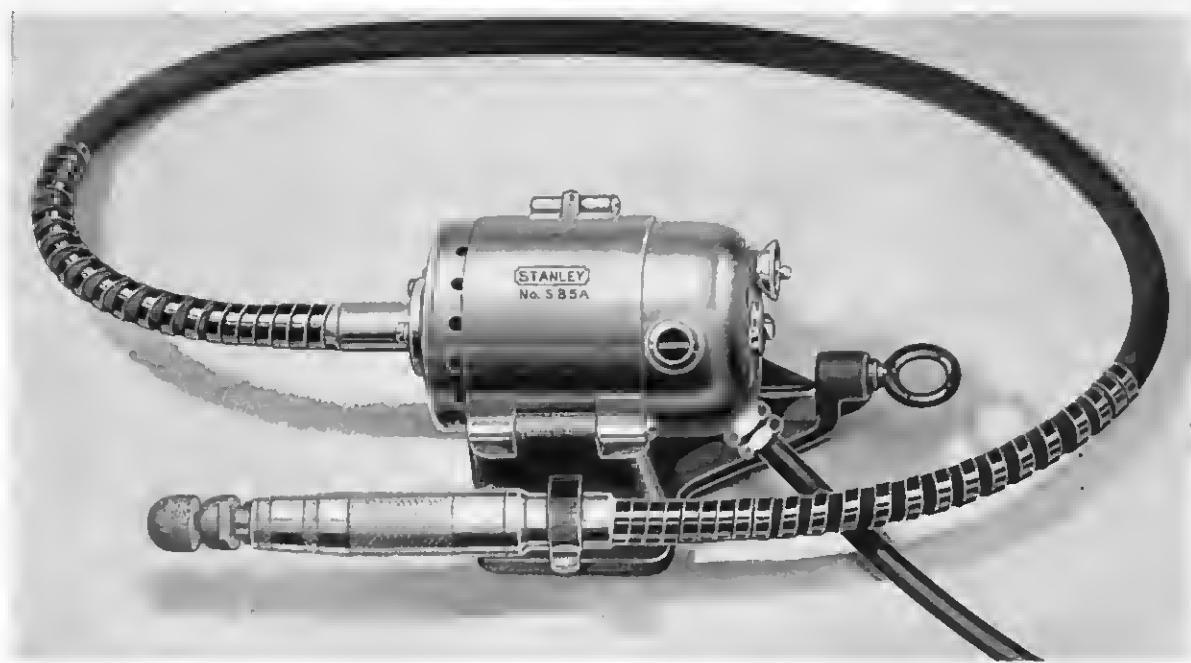
### Complete Equipment

- 1 Motor Unit with cable
- 1 Motor Unit Holder No. 684
- 1 Motor Unit Holder Tool Post No. 685
- 1 Motor Unit Holder Round Shank No. 686
- 1 Chuck No. 12
- 1 Arbor No. 45 with 1 each  $\frac{1}{8}''$ ,  $\frac{3}{16}''$ ,  $\frac{1}{4}''$ ,  $\frac{3}{8}''$ , and  $\frac{1}{2}''$  Spacing Collars
- 1 Internal Grinding Spindle No. 687
- 2 Grinding Wheel Flanges No. S6684
- 1 Emery Wheel Guard
- 1 Emery Wheel  $1\frac{1}{2}'' \times \frac{3}{8}'' \times \frac{5}{16}''$  No. KK
- 1 Bakelite Bond Emery Wheel  $2'' \times \frac{1}{8}'' \times \frac{5}{16}''$  No. JJ
- 1 Emery Wheel  $\frac{1}{2}'' \times \frac{1}{2}'' \times \frac{1}{4}''$  for internal grinding spindle No. H
- 1 Straight Pencil Wheel  $\frac{1}{4}'' \times \frac{13}{16}''$  No. A1
- 1 Straight Pencil Wheel  $\frac{1}{2}'' \times \frac{13}{16}''$  No. A3
- 1 Round End Pencil Wheel  $\frac{3}{4}''$  diameter No. N
- 1 Taper Cup Pencil Wheel  $1''$  diameter No. R
- 1 1106 —  $\frac{1}{4}''$  Metal Cutting Bit
- 3 Wrenches (2 No. P5641 and 1 No. P1524)
- 1 Alemite Grease Gun No. MS384
- 1 Metal Carrying Case

### Specifications

Motor:  $\frac{3}{8}$  H.P. Universal type operates on either D.C. or A.C. 60 cycles or less.

Type No.	Chuck Capacity	Amperes Full Load at 115 Volts	Voltages	No Load Speed	Length	Net Weight (Motor Unit)	Shipping Weight Complete Equipment
585	$\frac{1}{4}''$ Shank	3.0	110, 125, 150, 220, 230 or 250, as specified	18,000 R.P.M.	$5\frac{1}{4}''$	$4\frac{3}{4}$ lbs.	15 lbs.



## Stanley Flexible Shaft Grinder

**$\frac{3}{8}$  H.P.—18,000 R.P.M.**

A Stanley improved flexible shaft, high speed grinder—18,000 R.P.M.—for fast grinding on tools, dies, castings, etc. It can be used for countless external and internal grinding operations. The Universal Motor has a maximum output of  $\frac{3}{8}$  H.P. which provides ample power to maintain a high grinding speed on the toughest work.

The Combination Bench and Over-Head holder will hold the grinder on a bench or it can be suspended over-head.

Improved Flexible Shaft, 42 inches long has  $\frac{5}{16}$ " core (previously  $\frac{1}{4}$ ") and is the very finest available. It has a heavy, reinforced rubber casing with protection springs on each end. The handle piece is equipped with a new precision collet type  $\frac{1}{4}$  inch chuck, and ball bearings especially designed for high speed work.

### Other Features

Highest quality precision ball bearings assure smooth running and long life.

End adjustment to compensate for bearing wear that may develop after long usage.

Correct speed—18,000 R.P.M. no load.

Direct drive—no belts or pulleys.

Seamless drawn steel housing—strong, sturdy, and compact.

Conveniently located toggle switch.

### Complete Equipment

1 Motor Unit with Cable.

1 Alemite Grease Gun. No. M5384.

1 Flexible Shaft.

Chuck Wrench No. 601, Shaft Wrench No. 603, Motor Wrench No. P5641.

1 Collet type Chuck for  $\frac{1}{4}$ " Shanks.

1 Combination Bench and Over-Head Holder

For accessories—Arbors, Pointed Wheels and Emery Wheels, see page 19.

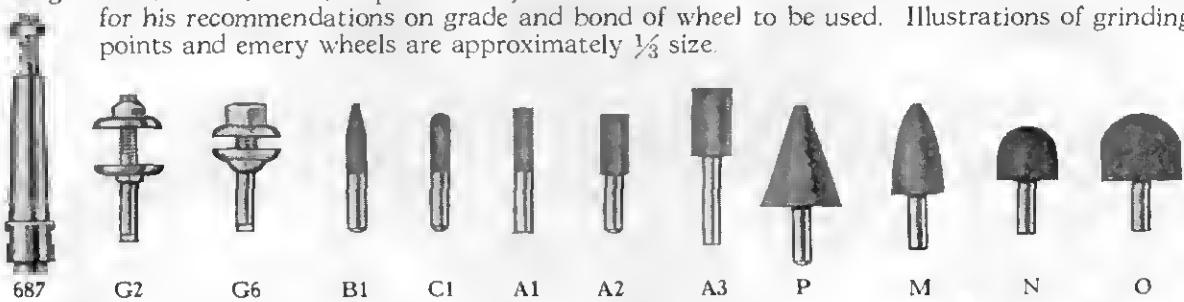
### Specifications

Motor:  $\frac{3}{8}$  H.P. Universal type, operates on either D.C. or A.C. 60 cycles or less.

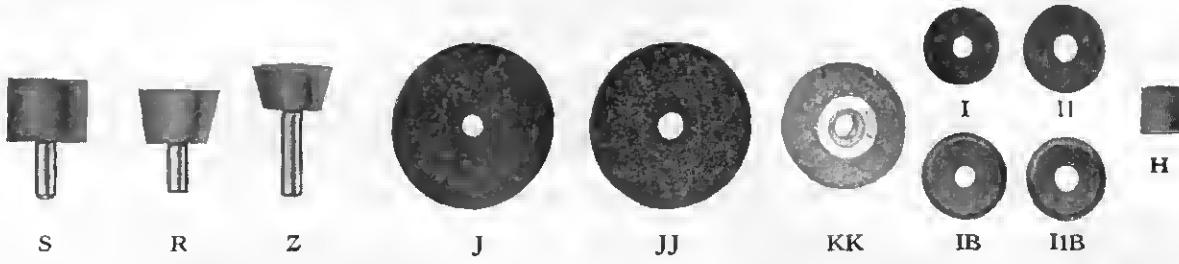
Type No.	Chuck Capacity	Amperes Full Load at 115 Volts	Voltages	No Load Speed	Net Weight	Shipping Weight
585A	$\frac{1}{4}$ "	3.0	110, 125, 150, 220 230 or 250 as specified	18,000 R.P.M.	11 lbs.	19 lbs.

# Accessories for Grinders Nos. 150, 585, 585A

The Grinder has ample power and speed to drive a  $1\frac{1}{2}'' \times \frac{1}{2}''$  emery wheel and do a real grinding job. Larger wheels can be used for special work, but an abrasive wheel manufacturer should be consulted for his recommendations on grade and bond of wheel to be used. Illustrations of grinding points and emery wheels are approximately  $\frac{1}{3}$  size.



687 G2 G6 B1 C1 A1 A2 A3 P M N O



S R Z J JJ KK IB IIIB H

ARBORS WITH FLANGES

They have  $\frac{1}{4}''$  shanks and fit in chuck.

No.

G2 holds wheels having  $\frac{1}{4}''$  arbor holes.

G6 holds wheels having  $\frac{5}{16}''$  arbor holes.

## EMERY WHEELS

Highest grade abrasive. The 2" wheels are Bakelite bonded.

No.	Size	Arbor Hole
J	$2'' \times \frac{1}{8}''$	$\frac{1}{4}''$
JJ	$2'' \times \frac{3}{16}''$	$\frac{5}{16}''$
KK	$1\frac{1}{2}'' \times \frac{3}{8}''$	$\frac{5}{16}''$
I	$1'' \times \frac{3}{8}''$	$\frac{1}{4}''$
II	$1'' \times \frac{3}{8}''$	$\frac{5}{16}''$
IIIB Beveled	$1'' \times \frac{3}{8}''$	$\frac{5}{16}''$
IIIB Beveled	$\frac{3}{2}'' \times \frac{3}{8}''$	$\frac{5}{16}''$
II	$\frac{3}{2}'' \times \frac{3}{8}''$	$\frac{1}{4}''$

No.	Type	Size
B1	Pencil	$\frac{3}{4}'' \times 1\frac{1}{16}''$
C1	Pencil	$\frac{3}{4}'' \times 1\frac{1}{16}''$
A1	Pencil	$\frac{3}{4}'' \times 1\frac{1}{16}''$
A2	Pencil	$\frac{3}{4}'' \times 1\frac{1}{16}''$
A3	Pencil	$\frac{3}{4}'' \times 1\frac{1}{16}''$
P	Cone	$1\frac{1}{2}'' \times 1\frac{3}{4}''$
M	Bullet	$\frac{5}{8}'' \times 1\frac{1}{4}''$
N	Bull	$\frac{3}{4}'' \times 5\frac{3}{8}''$
O	Ball	$1'' \times 3\frac{1}{8}''$
S	Square	$1'' \times 3\frac{1}{8}''$
R	Cup, Tapered	$1'' \times 5\frac{3}{8}''$
Z	Tapered	$1'' \times \frac{3}{4}''$

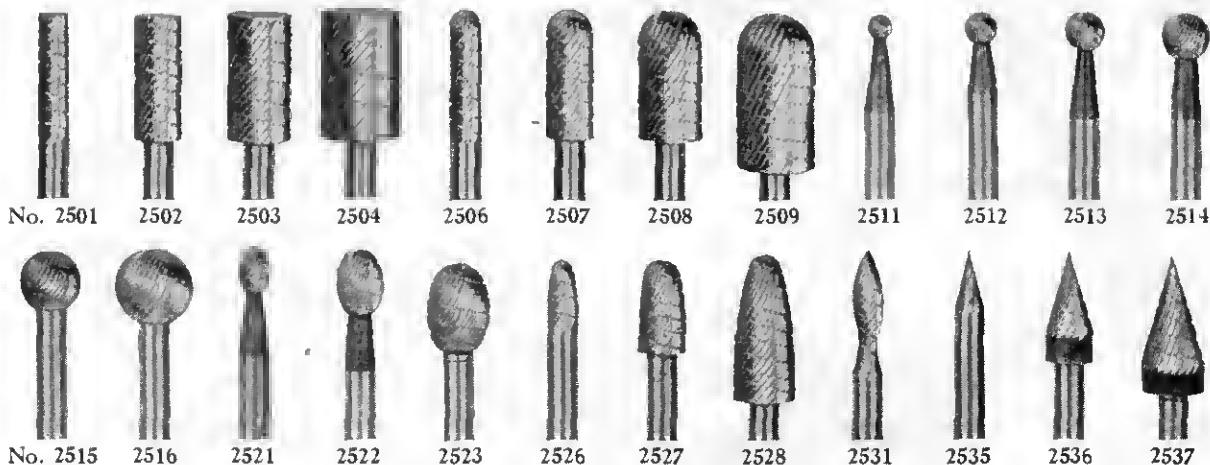
## SPINDLE

No. 687 for internal grinding. Used in place of chuck to hold wheels similar to No. H which have  $\frac{1}{4}''$  arbor hole.

## MONTEDED POINTS

Shanks are all  $\frac{1}{4}''$  in diameter and  $\frac{3}{4}''$  long except shanks on A3 and Z which are  $1\frac{1}{8}''$  long.

## HIGH SPEED ROTARY FILES



These files are machined from solid blanks, then hardened. As a final operation the flutes and teeth are ground into the hardened blanks. Files as shown are approximately  $\frac{1}{3}$  size—overall length, including shank,  $2\frac{1}{2}''$ .

# NEW! 1/4 H.P.

## “VICTOR” GRINDER



No. 66

6" Wheels Ball Bearing

## Stanley Bench Grinder

“Victor” No. 66 — Ball Bearing — 6" x 1/2" Wheels — 1/4 H.P.

A sturdy, smooth running 1/4 H.P. ball bearing Grinder for general shop use — an exceptional value at the price offered. It is particularly suited for use in garages or factories for light grinding, sharpening tools, general grinding, buffing, polishing and wirebrush work.

### Special Features

Machine gray enamel finish.

Sturdy wheel guards cover wheels.

Guards adjustable for grinding at any point on wheel circumference.

Tool rests are adjustable to follow wheel wear.

Toggle type switch located in base of grinder.

Full ball bearing — bearings enclosed against dirt and grit.

1/4 H.P. constant speed motor — not universal; specify current characteristics.

Furnished complete with: three-wire rubber covered cable; rubber feet; grinding wheels 6" x 1/2" (one coarse and one fine); wheel guards and tool rests. End Wheel Guard Covers No. 86A can be furnished at extra cost if so ordered. Stanley Safety Eye Shields can be attached easily, as holes are drilled in wheel guards. Order as extra equipment.

### Specifications

Voltages: A.C. Single Phase: 110 volts, 50-60 cycles; 220 volts, 50-60 cycles; 230 volts, 50-60 cycles.  
Specify class number, voltage and cycles.

Type No.	Speed, R.P.M. at 60 Cycles	Amperes at 60 Cycles 110 Volts	Wheels			Length	Base	Net Weight	Shipping Weight
			Diameter	Thickness	Arbor Hole				
66	3600 No Load 3450 Full Load	3.4	6"	1/2"	1/2"	14 1/4"	7 3/4"x8"	41 lbs.	50 lbs.

### ACCESSORIES FOR “VICTOR” GRINDER NO. 66

End Wheel Guard Covers No. 86A — Easily attached to Grinder No. 66. Shipping weight per pair, 5 lbs.

The following accessories can also be used with Grinder No. 66:

Safety Eye Shields No. 569.

Grinding Wheels No. 544 (fine) and No. 545 (coarse).

Pedestal No. 560.

Wire Wheel Brush (1/2" arbor hole) No. 507.

For description of these accessories, see page 28

# NEW! 1/3 H.P.

No. 586  
6" Ball Bearing



Safety  
Eye Shields

## Stanley Bench Grinder

No. 586—Ball Bearing—6" x 3/4" Wheels—1/3 H.P.

A new high quality, heavy duty Grinder with features that make it an outstanding value. Smooth running, constant speed 1/3 H.P. motor; long spindle construction which gives more space between wheels and motor; grease sealed ball bearings; wheel guards with exhaust outlets. These and other features make the No. 586 Grinder ideal for heavy grinding and sharpening jobs, buffing and wire brush work.

### Special Features

Baked black finish.

Safety type wheel guards, with exhaust outlets and spark shields, enclose the wheels. They are adjustable for grinding at any point on wheel circumference.

End covers fastened securely to guards with bolts, are removable for changing wheels and for wire wheel brushes.

Adjustable three way tool rests — mounted on rigid cross bar — adjustable for height, angle and distance to wheel.

Highest quality, constant speed 1/3 H.P. motor — not universal, specify current characteristics. Full ball bearing — bearings protected by grease seals against dust and dirt.

Switch — heavy duty, enclosed in moulded case. Furnished on single phase and direct current grinders.

Furnished complete with heavy rubber covered three-wire cable; rubber feet; two 6" x 3/4" grinding wheels (one coarse and one fine); two adjustable tool rests.

Also furnished on special order at small additional cost with 6" wire wheel brush and wide guard on right hand end and with regular grinding wheel and guard on left hand end.

Guards are drilled to take Stanley Safety Eye Shields, No. 569. Order as extra equipment.

### Specifications

Voltages: A.C. Single Phase: 110 volts, 50-60 cycles; 220 volts, 50-60 cycles; 230 volts, 50-60 cycles; 250 volts, 50-60 cycles; D.C. 115 volts or 230 volts; 3-Phase, 220 volts, 60 cycles. No switch or cable included on 3-Phase Grinders. If switch for mounting in base of Grinder is required, order extra. Grinders with other voltages may be furnished on special order. Specify class number, current, voltage and cycles.

Type No.	Speed R.P.M. at 60 Cycles	Amperes at 60 Cycles 110 Volts	Wheels					Net Weight	Shipping Weight
			Diam.	Thickness	Arbor Hole	Length	Base		
586	3600 No Load 3450 Full Load	4.5	6"	3/4"	1/2"	18"	7 1/8" x 8 3/8"	56 lbs.	74 lbs.

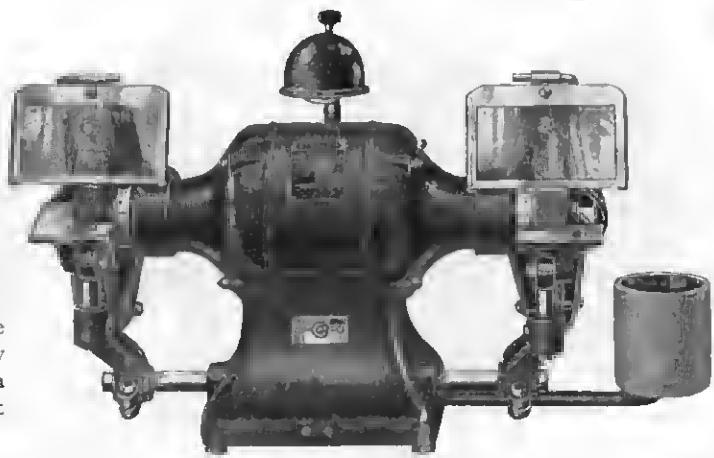
### ACCESSORIES FOR NO. 586 GRINDER

Pedestal No. 560.  
Safety Eye Shields No. 569  
Grinding Wheels Nos. 644 and 645.  
Special wide wheel guard No. 86B for wire wheel brush.

For Wire Brush work use Wire Wheel Brush No. 507 with 1/2" arbor hole.

For description of these accessories, see page 28.

1/2 H.P.



No. 557A Complete with Two Safety Eye Shields and an Adjustable Light Fixture.



Grinder Pedestal No. 560

## Stanley Bench Grinder

No. 557—Ball Bearing—7" x 1" Wheels—1/2 H.P.

This new Grinder combines many features which make it superior to any Grinder heretofore offered in this size and price class. The smooth running, constant speed 1/2 H. P. motor; the long spindle construction which gives more space between wheels and motor; the grease sealed ball bearings; the conveniently located water pot and many other features make it an ideal production and general purpose Grinder for buffing, wire brush work and the heavier grinding and sharpening jobs.

### Special Features

Baked black finish.

Safety type wheel guards, with exhaust outlets and spark shields, enclose the wheels. They are adjustable for grinding at any point on wheel circumference.

End covers fastened securely to guards with bolts, are removable for changing wheels and wire wheel brushes.

Adjustable three way tool rests — mounted on rigid cross bars — adjustable for height, angle and distance to wheel.

Highest quality, constant speed 1/2 H.P. motor — not universal, specify current characteristics.

Full Ball Bearing — bearings protected by grease seals against dust and dirt.

Switch — heavy duty, double pole, enclosed in moulded case. Furnished on single phase and direct current grinders.

### Furnished as Follows

No. 557A Grinder — complete as illustrated — includes heavy rubber covered three-wire cable, two grinding wheels (one coarse and one fine) two adjustable tool rests, water pot, two safety eye shields, and light fixture less bulb. Shipping weight, 102 lbs.

No. 557B Grinder — complete as No. 557A less light fixture. Shipping weight, 100 lbs.

No. 557C Grinder — complete as No. 557A less safety eye shields. Shipping weight, 100 lbs.

No. 557 Grinder — complete as No. 557A less light fixture and safety eye shields. Shipping weight, 98 lbs.

### Specifications

Voltages: A.C. Single Phase: 110 volt, 50-60 cycles; 220 volt, 50-60 cycles; 230 volt, 50-60 cycles; 250 volts, 50-60 cycles; D.C.: 115 volts or 230 volts. 3-Phase, 220 volts, 60 cycles. No switch or cable included on 3-Phase Grinders. If switch for mounting in base of Grinder is required, order extra. Grinders with other voltages can be furnished on special order. Specify class numbers, current, voltage and cycles.

Type No.	Speed, R.P.M. at 60 Cycles	Amperes at 60 Cycles 110 Volts	Wheels			Length	Base	Net Weight	Shipping Weight
			Diameter	Thickness	Arbor Hole				
557	3600 No Load 3450 Full Load	5.2	7"	1"	5/8"	20 3/8"	8 1/4 x 10"	73 lbs.	98 lbs.

### ACCESSORIES FOR GRINDER NO. 557

See page 28 for a description of the following accessories that can be used on this Grinder.

Sanding Fixture No. 570

Pedestal No. 560

Light Fixture No. 664

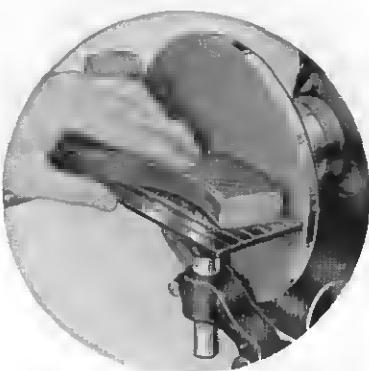
Sanding Discs

Safety Eye Shields No. 569

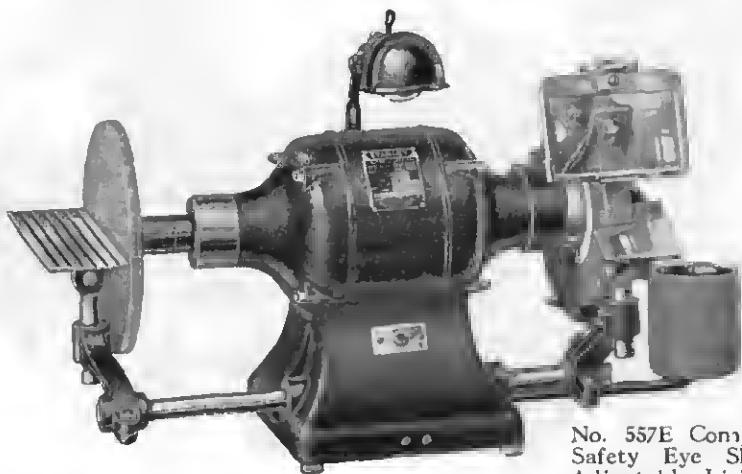
Grinding Wheels Nos. 587 and 588

For Wire Brush Work use Wire Wheel Brush No. 507 with 5/8" arbor hole.

1/2 H.P.



Close-up View of Sanding Disc and Tilting Table



No. 557E Complete with Safety Eye Shield and Adjustable Light Fixture

## Stanley Grinder and Sander

No. 557E—Ball Bearing—7"x1" Wheel—8" Sanding Disc—1/2H.P.

Two machines for slightly more than you would pay for either one! The full 1/2 H. P. constant speed, ball bearing motor is smooth running and vibrationless. It delivers ample power for continuous sanding, and the heavier grinding and sharpening jobs. The completely guarded wheel and the Safety Eye Shield minimize possibility of eye injuries.

The Sander may be used for either wood or metal finishing. Takes 8" discs. The work table is adjustable for height and angle. One Sanding Disc (No. 863W medium for wood) is attached to the sanding plate.

### Special Features

Baked black finish.

Safety type wheel guard, with exhaust outlets and spark shield, encloses the wheel. It is adjustable for grinding at any point on wheel circumference.

End cover is fastened securely to guard with bolts. Is removable for changing wheels and wire wheel brushes. Adjustable three way tool rest — mounted on rigid cross bar — adjustable for height, angle and distance to wheel. Highest quality, constant speed 1/2 H. P. motor — not universal, specify current characteristics.

Full ball bearing — bearings protected by grease seals against dust and dirt.

Switch, heavy duty, double pole enclosed in moulded case.

Furnished on single phase and direct current grinders.

### Furnished as Follows

No. 557E. Combination Grinder and Sander — Complete as illustrated includes heavy rubber covered three-wire cable, grinding wheel, tool rest, water pot, sanding plate disc and table, eye shield, and light fixture less bulb. Shipping weight, 100 lbs.

No. 557F — Complete as No. 557E less light fixture. Shipping weight, 98 lbs.

No. 557G — Complete as No. 557E less safety eye shield. Shipping weight, 98 lbs.

No. 557H — Complete as No. 557E less light fixture and safety eye shield. Shipping weight, 96 lbs.

### Specifications

Voltages: A.C. Single Phase: 110 volt, 50-60 cycles; 220 volts, 50-60 cycles; 230 volts, 50-60 cycles; 250 volts, 50-60 cycles; D.C.: 115 volts or 230 volts. 3-Phase 220 volts, 60 cycles. No switch or cable included on 3-Phase Grinders. If switch for mounting in base of Grinder is required, order extra. Grinders with other voltages can be furnished on special order. Specify class numbers, current, voltage and cycles.

Type No.	Speed, R.P.M. at 60 Cycles	Amperes at 60 Cycles 110 Volts	Wheels			Length	Base	Net Weight	Shipping Weight
			Diameter	Thickness	Arbor Hole				
557E	3600 No Load 3450 Full Load	5.2	7"	1"	5/8"	22 1/2"	8 1/4 x 10"	75 lbs.	110 lbs.

### ACCESSORIES FOR COMBINATION GRINDER AND SANDER NO.557E

See page 28 for a description of the following accessories that can be used on this Grinder.

Sanding Attachment No. 570

Pedestal No. 560

Light Fixture No. 664

Sanding Discs

Grinding Wheels Nos. 587 and 588

Safety Eye Shields No. 569

For Wire Brush Work use Wire Wheel Brush No. 507 with 5/8" arbor hole.



No. 667

Close-up of Grinding Attachment

## Stanley Edge Tool Grinder

No. 667—Ball Bearing—7" x 1" Wheels—1/3 H.P.

An improved Bench Grinder for School and Industrial Wood-working Shops. The  $1/3$  H. P. induction motor operates at the correct speed for edge tool grinding. The two wheels are specially built—one for edge tool grinding and one for general purpose grinding. This Grinder is equipped with an attachment for grinding plane irons up to  $2\frac{5}{8}$ " wide and chisels of any size. A micrometer screw adjustment on the attachment permits feeding the tool to the wheel for as fine a cut as desired. The holder automatically drops away from the wheel when the hand pressure on the attachment is released. The holder may also be removed for examining the tool and replaced in the same position for additional grinding.

The Light swivels to any position. A separate switch is provided on the Light Socket.

### Other Features

Baked black finish.

Heavy duty double pole switch—totally enclosed.

Full ball bearing—bearings protected from dirt and grit.

Highest quality induction motor.

Wheels protected with guards and covers except the working area. Equipped with exhaust outlets.

No. 667 Grinder complete includes heavy rubber covered three-wire cable, two grinding wheels, plane iron and chisel grinding attachment, light fixture less bulb, one pair Safety Eye Shields, one adjustable tool rest—as illustrated.

No. 667A Grinder complete as No. 667 less Light Fixture. Shipping Weight, 92 lbs.

No. 667B Grinder complete as No. 667 less Safety Eye Shields. Shipping Weight, 92 lbs.

No. 667C Grinder complete as No. 667 less Light Fixture and Safety Eye Shields. Shipping Weight, 90 lbs.

### Specifications

Voltages: A.C. 115 volts, 60 cycles; 220 volts, 60 cycles; D.C.; 115 volts. Other voltages may be furnished on special order.

Type No.	Speed, R.P.M. at 60 Cycles	Amperes at 115 Volts 60 Cycles	Wheel				Length	Base	Net Weight	Shipping Weight
			Diameter	Thickness	Arbor Hole					
667	1800 No Load 1725 Full Load	5.0	7"	1"	$\frac{5}{8}$ "	$18\frac{1}{2}$ "	$8\frac{1}{4} \times 10"$	71 lbs.	94 lbs.	

### ACCESSORIES FOR GRINDER NO. 667

See page 28 for a description of the following accessories that can be used on this Grinder.

Plane Iron and Chisel Grinding

Light Fixture No. 664

Safety Eye Shields No. 569

Attachment No. 568

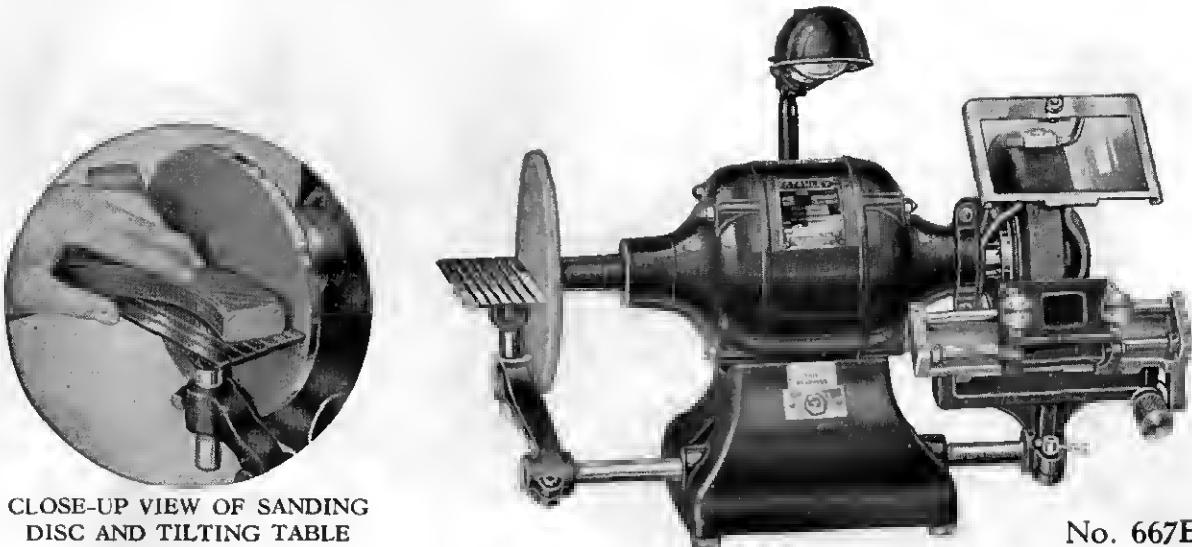
Pedestal No. 560

Sanding Attachment No. 570

Grinding Wheels Nos. 587, 588 and 574

Sanding Discs

For Wire Brush Work use Wire Brush Wheel No. 507 with  $\frac{5}{8}$ " arbor hole.



CLOSE-UP VIEW OF SANDING DISC AND TILTING TABLE

No. 667E

## Stanley Grinder and Sander

No. 667E — Ball Bearing — 7" x 1" Wheel — 8" Sanding Disc— $\frac{1}{3}$  H.P.

Two machines in one! A Combination Grinder and Sander designed to meet the requirements of School and Industrial Wood-working Shops. Full ball bearing induction motor. The Plane Iron and Chisel Grinding Attachments permit grinding a perfect cutting edge on plane irons up to 2 $\frac{5}{8}$ " wide and on chisels of any size. A micrometer screw adjustment on the bracket permits feeding the tool to the wheel for as fine a cut as desired. The holder automatically drops away from the wheel when the hand pressure on the attachment is released. The holder may also be removed for examining the tool and replaced in the same position for additional grinding. Sander may be used for either wood or metal finishing. Takes 8" discs. The work table is fully adjustable for height and angle. One Sanding Disc (No. 863W medium for wood) is attached to the Sanding Plate. The Light swivels to any position. A separate switch is provided on the Light Socket.

### Other Features

Baked black finish.

Heavy duty double pole switch — totally enclosed.

Full ball bearing — bearings protected from dirt and grit.

Highest quality induction motor.

Grinding wheel protected with guard and cover except the working area. Equipped with exhaust outlet.

No. 667E — Combination Grinder and Sander complete includes heavy rubber covered three-wire cable, one grinding wheel, sanding plate with one sanding disc, light fixture less bulb, plane iron and chisel grinding attachment, one eye shield.

No. 667F — Complete as No. 667E less Light Fixture. Shipping Weight, 87 lbs.

No. 667G — Complete as No. 667E less Eye Shield. Shipping Weight, 87 lbs.

No. 667H — Complete as No. 667E less Light Fixture and Eye Shield. Shipping Weight, 85 lbs.

### Specifications

Voltages: A.C.: 115 volts, 60 cycles; 220 volts, 60 cycles; D.C.: 115 volts. Other voltages may be furnished on special order.

Type No.	Speed, R.P.M. at 60 Cycles	Amperes at 115 Volts 60 Cycles	Wheel			Length	Base	Net Weight	Shipping Weight
			Diameter	Thickness	Arbor Hole				
667E	1800 No Load 1725 Full Load	5.0	7"	1"	5/8"	20 $\frac{3}{4}$ "	8 $\frac{1}{4}$ x 10"	66 lbs.	89 lbs.

### ACCESSORIES FOR COMBINATION GRINDER AND SANDER NO. 667E

See page 28 for a description of the following Accessories that can be used on this Grinder.

Plane Iron and Chisel Grinding

Light Fixture No. 664

Safety Eye Shields No. 569

Attachment No. 568

Pedestal No. 560

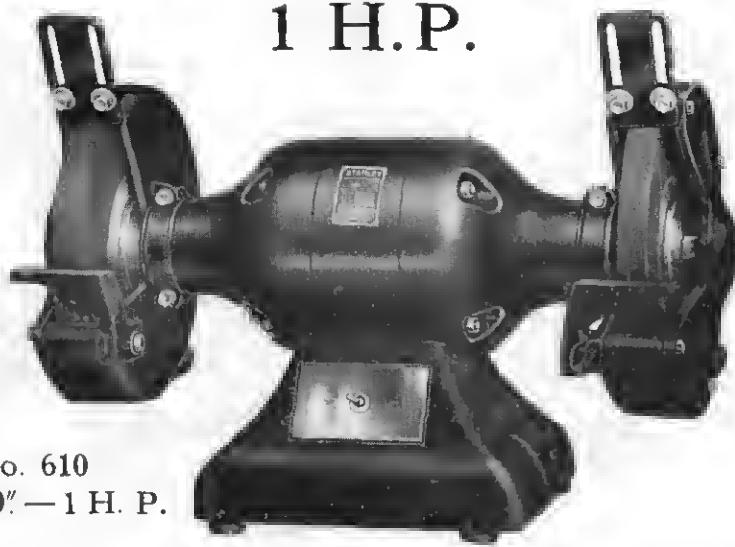
Sanding Fixture No. 570

Grinding Wheels Nos. 587, 588 and 574

Sanding Discs

For Wire Brush Work use Wire Wheel Brush No. 507 with 5/8" arbor hole.

1 H.P.



No. 610  
10" — 1 H. P.



No. 1610

## Stanley Grinders

### Bench or Pedestal

Stanley now offers a 10-inch 1 H. P. ball bearing bench or pedestal grinder for production grinding, buffing, and wire brush work in factories and garages. Its baked black finish and graceful curves present a very pleasing appearance, and its extended frame construction, coupled with the fact that the wheel diameters extend beyond the motor diameter, permits grinding large, odd-shaped work with ease.

#### BENCH GRINDER No. 610

A compact, full ball bearing bench grinder. The Switch is conveniently located in the base of the grinder.

Highest Quality 1 H.P. motor, quiet, smooth mounted on large ball bearings and totally enclosed against dirt and grit.

Ball bearings are grease-seal type and are mounted close to wheels to eliminate spindle vibration.

Completely enclosed wheel guards adjustable for grinding at any point on wheel circumference.

End covers are easily removed for changing wheels or for wire wheel brushing. Wheel guards have exhaust outlets for connection to exhaust system. Guards are equipped with dust and spark shields which can be adjusted to close

#### PEDESTAL GRINDER No. 1610

Same as No. 610 except that it includes a sturdy cast iron floor pedestal which is equipped with a shelf and water pot.

#### Special Features

the gap between the guard and wheel as the wheel wears. Tool rests are adjustable to follow wheel wear.

Heavy duty, double pole. Toggle Switch totally enclosed.

Furnished complete with: two high grade bonded abrasive wheels (one coarse and one fine); rubber feet. No rubber cable furnished with this Grinder. Wire leads are arranged for permanent wiring. Base is drilled and tapped for conduit, and connector furnished for armored cable. Grounding can be done through conduit or armored cable cover.

#### Specifications

Speed R.P.M.: 60 cycles, 1800 no load; 50 cycles, 1500 no load; D.C. 2000 no load.

Motor: 1 H.P., not universal; specify current, voltage, cycle, and phase.

Voltages: A.C., 110 volts, 50-60 cycles, single phase; A.C., 220 volts, 50-60 cycles, single phase; A.C., 230 volts, 50-60 cycles, single phase; A.C., 250 volts, 50-60 cycles, single phase; A.C. 220-440 volts, 50-60 cycles, three phase; D.C., 115 volts; D.C., 230 volts. Grinders with other voltages and cycles furnished on special order.

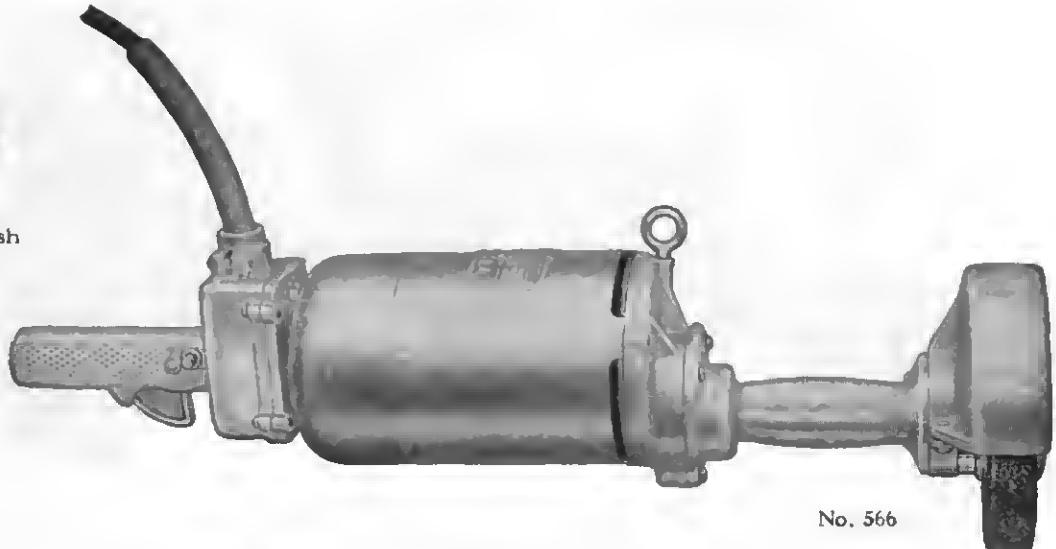
Type No.	Ampères at 60 Cycles 110 Volts	Wheels			Distance Between Wheels	Length Overall	Base	Height to C.L. Shaft	Net Weight	Shipping Weight
		Diam.	Thickness	Arbor Hole						
610	13.0	10"	1"	3/4"	18"	24"	9 3/4" x 11 1/4"	9 1/2"	137 lbs.	168 lbs.
1610	13.0	10"	1"	3/4"	18"	24"	14" x 15"	43 1/2"	255 lbs.	318 lbs.

#### ACCESSORIES FOR GRINDER NO. 610

Eye Shields No. 569 and Grinding Wheels Nos. 579 and 580 are shown on page 28. For Wire Brush Work use Wire Wheel Brush No. 509 with 3/4" Adapter.



No. 512  
Wire Torque Brush



No. 566

## Stanley Portable Grinders

Indispensable tools for grinding joints in tanks, boilers and large castings, for cleaning molds, for removing rust, scale, paint, etc., for snagging castings and for grinding work too large to be taken to a bench grinder.

### Special Features

Straight line, strong aluminum alloy housings  
Motor is mounted on seal type bearings which retain the lubricant and exclude dust or grit.  
Spindle supported by single and double ball bearing (double bearings on outer end).  
Coarse grain wheel — high grade abrasive.  
Gears — nickel steel specially heat treated.  
Automatic release safety switch with locking device.  
Heavy rubber covered three-wire cable.  
An eyebolt at point of balance is provided for spring suspension.

### TYPE No. 565. 5" Wheels — Ball Bearing

A heavy duty tool for rough grinding work in foundries, machine shops, body shops, railroad shops etc.

### TYPE No. 566. 6" Wheels — Ball Bearing

A larger and more powerful tool than No. 565. It will take care of practically any job requiring a portable grinder.

### Specifications

Motor: Universal type, operates on either D.C. or A.C. 60 cycles or less: Voltages: 110, 150, 220, 230, or 250.  
Specify number and voltage desired.

Type No.	Speed, R.P.M.	Amperes Full Load at 115 Volts	Wheels			Length Overall	Net Weight	Shipping Weight
			Diameter	Thickness	Arbor Hole			
565	4500 No Load 3000 Full Load	5.0	5"	1/4"	1/2"	22 3/4"	16 lbs.	36 lbs.
566	3500 No Load 2600 Full Load	7.0	6"	1"	5/8"	25 1/4"	23 lbs.	42 lbs.

### ACCESSORIES FOR PORTABLE GRINDERS

#### Grinding Wheels

Coarse grain, high grade bonded abrasive.  
No. 575 for No. 565 Grinder.  
No. 576 for No. 566 Grinder.

#### Suspension Spring

For suspending Grinder — relieves operator of weight of tool. Shipping weight 2 lbs.

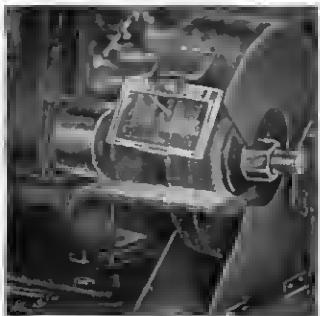
#### Wire Torque Brushes

Used to clean tanks, castings, etc.  
6 1/2" in diameter.  
No. 512 Coarse, Weight 2 3/4 lbs.  
No. 513 Fine, Weight 1 1/4 lbs.  
When ordering, specify whether for Portable Grinder No. 565 or No. 566

Other Wire Brushes are illustrated on page 15.

# Stanley Grinder Attachments

## SAFETY EYE SHIELDS No. 569



### For Motor or Belt Driven Grinders

Stanley Safety Eye Shields can be attached to any grinder — belt or motor driven — by bolting to the wheel guard. They are safe, sanitary, always on the job and it requires effort *not* to use them. The steel frames  $3\frac{3}{4}'' \times 5\frac{1}{4}''$  — amply large to give a full view of the grinding wheels and work — are fitted with safety glass commonly called shatterproof glass. Packed in pairs complete with bolts. Shipping weight  $1\frac{3}{4}$  lbs.



## GRINDING WHEELS

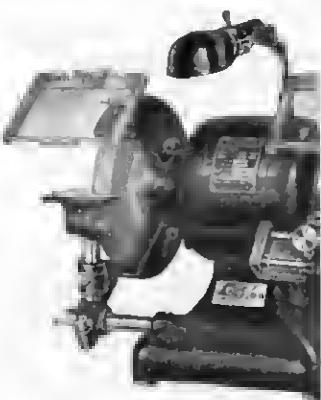
Made from the best grade hard emery.

No.	For Grinder	Diam.	Thickness	Arbor	Grain
543	(For Drills)	4"	$\frac{1}{2}''$	$\frac{1}{2}''$	Fine
544	66	6"	$\frac{1}{2}''$	$\frac{1}{2}''$	Fine
545	66	6"	$\frac{1}{2}''$	$\frac{1}{2}''$	Coarse
575	565	5"	$\frac{3}{4}''$	$\frac{1}{2}''$	Coarse
576	566	6"	1"	$\frac{5}{8}''$	Coarse
644	586	6"	$\frac{3}{4}''$	$\frac{1}{2}''$	Fine
645	586	6"	$\frac{3}{4}''$	$\frac{1}{2}''$	Coarse
587	557-667	7"	1"	$\frac{5}{8}''$	Fine
588	557-667	7"	1"	$\frac{5}{8}''$	Coarse
574	667	7"	1"	$\frac{5}{8}''$	Extra Fine
579	610,1610	10"	1"	$\frac{3}{4}''$	Fine
580	610,1610	10"	1"	$\frac{3}{4}''$	Coarse

## ADJUSTABLE LIGHT FIXTURE No. 664

For Grinder No. 557

The light swivels — right or left, up or down — directing the light to any position desired. A separate switch is provided on the light socket for independent control, or fixture can be set up so light comes on when grinder is started. Furnished complete less bulb. Shipping wgt. 2 lbs.



## PLANE IRON and CHISEL GRINDING FIXTURE No. 568



This grinding fixture makes it possible for anyone to put a perfect bevel on a Plane Iron or Chisel. It is regular equipment on Grinders Nos. 667 - A - B and C and 667E - F - G and H.

## SANDING FIXTURE No. 570



Regular equipment on Grinders Nos. 557E - F - G and H and 667E - F - G and H. It can also be furnished separately for attaching to Grinders Nos. 557 - A - B - and C and 667 A - B and C. When ordering specify the type number and serial number of Grinder on which it is to be used.

## EIGHT INCH SANDING DISCS

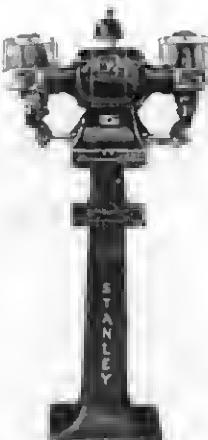
For use on Sanding Fixture No. 570.

No.	For
861W	Wood
863W	Coarse No. $1\frac{1}{2}$
864W	Med. No. $\frac{1}{2}$
	Fine No. 2/0.
No.	For Metal
861	Coarse No. 24.
863	Medium No. 36.
864	Fine No. 80.



## PEDESTAL No. 560

A sturdy cast iron pedestal,  $3\frac{3}{4}$  high, with a conveniently located shelf and water pot, converts Stanley Bench Grinders (Nos. 66, 586, 557 to 557H, and 667 to 667H) to Pedestal Grinders. Shipping weight 83 lbs. Because the base on various grinders vary in size, be sure to specify the type number and serial number of Grinder for which pedestal is required.





## Stanley Electric Disc Sander

### No. 77—Seven Inch—Ball Bearing

This Sander is built for production and repair work. Into its construction have been incorporated new Stanley features and suggestions from many users. The result is a superior Sander that combines: strong, sturdy construction; ball bearings throughout to insure free running and long life; trim compact design stripped of excess weight to make it light and easy to use in close places.

Furnished complete with a 7 inch Flexible Pad, 6 Sanding Discs (3 for metal and 3 for wood), wrenches, and heavy rubber covered three-wire cable.

#### Features

Aluminum alloy housings.  
 Seal type bearings on armature and spindle retain lubricant and exclude dust and grit.  
 New, full ball bearing, heavy spindle construction assures proper alignment of gears.  
 Spiral bevel gears.  
 Rocker motion switch conveniently located in handle.  
 New type composition, flexible pad assures smooth and even work.  
 Side handle can be used on either side of tool.  
 Spindle is threaded  $\frac{5}{8}$ "—11 thread.

#### Uses

Used with the accessories, shown on page 31, to:  
 Scour and clean vats.  
 Polish metal pipes.  
 Remove labels and stencils.  
 Sand wood and metal.  
 Remove rust and paint.  
 Grind heavy welds.  
 Resurface school desks.  
 Smooth concrete, limestone, etc.  
 Smooth castings, auto fenders, etc., before and after filler is applied.

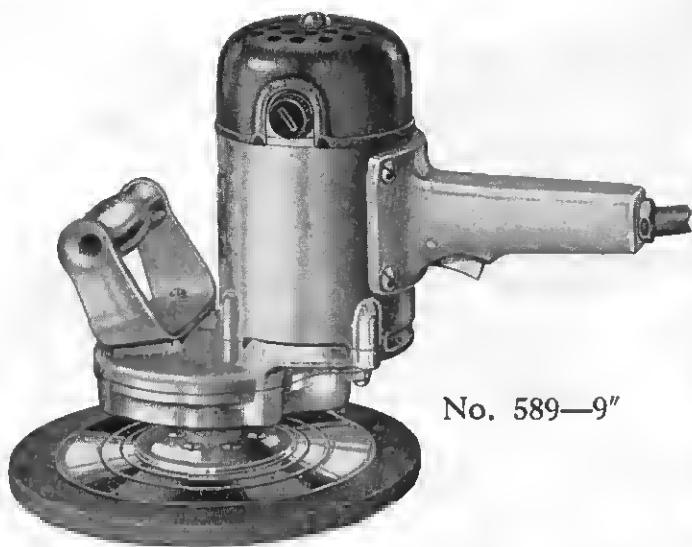
#### Specifications

Motor: Universal type operates on either D.C. or A.C. 60 cycles or less. Voltages 110, 125, 150, 220, 230 or 250. Specify voltage desired

Type No.	Diameter of Disc	Speed R.P.M.	Amperes At 115 Volts	Net Weight	Shipping Weight
77	7"	3900 No Load 2800 Full Load	4.5	11 lbs.	16 lbs.

#### ACCESSORIES FOR NO. 77 DISC SANDER

See page 31 for Sanding Discs, Wire Brushes, Polishing Pads, Lambs Wool Bonnets and other accessories



## Stanley Electric Disc Sander

### No. 589—Nine Inch—Ball Bearing

This Sander is full ball bearing, simple in design, sturdily constructed, light in weight and easy to handle. It is really an indispensable tool for shops that have any quantity of sanding and cleaning preparatory to painting, and for rubbing and polishing of lacquered surfaces. It is much faster than hand rubbing and does better work. Furnished complete with a 9 inch flexible pad, 12 abrasive discs (6 for metal and 6 for wood) a wrench and heavy rubber covered three-wire cable.

#### Features

Smooth, compact housing of strong aluminum alloy.

Seal type bearings on armature and spindle exclude dirt and grit, and retain lubricant.

Auxiliary handle makes it easy to work with — may be detached when working in close quarters.

Flexible disc assures smooth, even work.

Spindle is threaded  $\frac{5}{8}$ " — 11 thread.

#### Uses

Used with the accessories shown on the following page to:

Scour and clean vats.

Polish metal pipes.

Remove labels and stencils.

Sand wood and metal.

Remove rust and paint.

Grind heavy welds.

Resurface school desks.

Smooth concrete, limestone, etc.

Smooth castings, auto fenders, etc., before and after filer is applied.

#### Specifications

Motor: Universal type operates on either D.C. or A.C. 60 cycles or less from a light socket.  
Specify voltage desired.

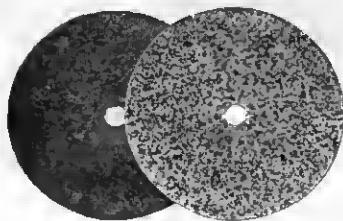
Type No.	Diameter of Disc	Speed R.P.M.	Voltages	Amperes at 115 Volts	Net Weight	Shipping Weight
589	9"	3800 No Load 2500 Full Load	110, 150, 220, 230 or 250	6.0	16 lbs.	35 lbs

Accessories for this Disc Sander are shown on the opposite page.

# Accessories For Disc Sanders

High Quality Accessories to give you Full Value from your Sander

## SANDING DISCS



Made from high grade vitrified abrasive. Used to sand or grind any flat or curved surface.

### For Use on Metal

Fibre Combination Aluminous Oxide — Closekote			
9" Diam.	7" Diam.	Grain	
No. 561	No. 761	Coarse	Grit 24
No. 563	No. 763	Medium	Grit 36
No. 564	No. 764	Fine	Grit 80

### For Use on Wood

Fibre Backed Aluminous Oxide — Closekote			
9" Diam.	7" Diam.	Grain	
No. 561W	No. 761W	Coarse	Grit 50
No. 563W	No. 763W	Medium	Grit 80
No. 564W	No. 764W	Fine	Grit 120

### For Removing Old Finishes

Fibre Backed Aluminous Oxide			
9" Diam.	7" Diam.	Grit 4 — 16 Open-Kote	
No. 563K	No. 763K	Grit 4 — 16 Open-Kote	
No. 564K	No. 764K	Grit 3 — 24 Open-Kote	

## WIRE TORQUE BRUSH



Used to clean tanks, vats, castings, sheet metal, stone, concrete, etc. Attach directly to Sander in place of flexible pad, with Inner Flange No. 798 and Nut No. 799 shown in the opposite column.

No. 513 — 6½" diameter, fits No. 589 Sander. Wgt. 2¾ lbs.  
No. 793 — 4½" diameter, fits No. 77 Sander. Wgt. 2¾ lbs.

## CUP GRINDING WHEEL

Used to smooth welds and surfaces where considerable metal is to be removed. Attached directly to Sander in place of flexible pad, with Inner Flange No. 798 and Outer Spindle Adaptor and Nut No. 791 using Spanner Wrench No. 792.

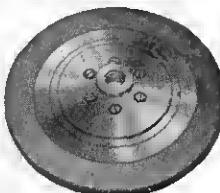
No. 794 — 4" diam. Fits Sanders Nos. 77 and 589. Wgt. 1 lb.



## REPLACEMENT PAD

Flexible Pad Complete  
No. 599 for No. 589 Sander 1½ lbs.  
789 for No. 77 Sander 1¾ lbs.

Flexible Pad Face Unit  
No. 600 for No. 589 Sander ¾ lbs.  
790 for No. 77 Sander 1 lb.



## FELT RUBBING PAD

Used with rubbing compounds to rub down and smooth lacquered surfaces. Quickly attached to the Sander. Weight 1 lb.

No. 595 — 9", for No. 589 Sander  
No. 795 — 7", for No. 77 Sander



## LAMBS WOOL POLISHING BONNET

Highest quality. Used for the final buffing of lacquered surfaces to bring out high luster. Slip over the flexible sander pad and tie in place. Weight 1 lb.

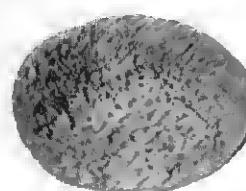
No.  
596 — 9", for No. 589 Sander  
796 — 7", for No. 77 Sander



## LAMBS WOOL POLISHING PAD

Used for the final buffing of lacquered surfaces to bring out high luster. Attach to the flexible sander pad same as a sanding disc. Weight 1 lb.

No.  
797 — 7", for No. 77 Sander.



## ADAPTORS

### For 7" and 9" Sanders

To attach Wire Torque Brush No. 793 use Inner Flange No. 798 and Nut No. 799.



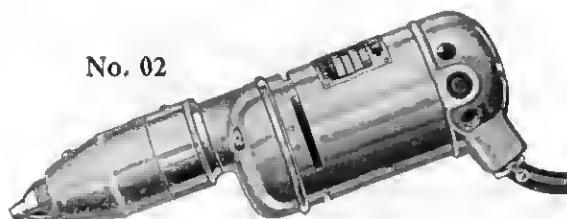
No. 799      No. 798

To attach Cup Grinding Wheel No. 794 use Inner Flange No. 798 Outer Spindle Adaptor and Nut No. 791, and Wrench No. 792.



No. 791      No. 798

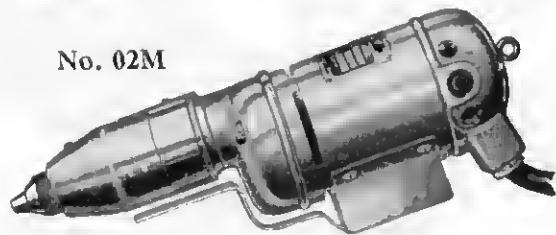
No.  
798 Inner Flange  
799 Nut.  
791 Outer Spindle Adaptor and Nut.  
792 Spanner Wrench for Adaptor Nut No. 791.



No. 02



No. 02H



No. 02M

## Stanley Electric Screw Drivers

### With Adjustable Tension Clutch

New type, light weight, ball bearing Screw Drivers,  $2\frac{3}{4}$ " diameter, for production jobs as rated below. Designed for close quarter and long "reach" work in any industry. Easy to lubricate. Four driving speeds available.

#### Special Features

Strong aluminum alloy housings.

Gears — nickel steel, specially heat treated.

Motor shaft supported on seal type ball bearings.

Positive cord clamp on housing.

Rubber covered three-wire cable.

Furnished with 2 Screw Driver Bits, No. 67W and 87W with Bit Guide Sleeves for No. 6 to 10 screws.

#### No. 02

Enclosed "On" and "Off" switch mounted in rear end bell.

#### Adjustable Tension Clutch

The patented adjustable clutch automatically stops driving the screw or nut at the point predetermined by setting the tension adjusting nut. The instant the clutch automatically releases, a hammering action is set up — an effective way of setting a screw or nut up tight.

The automatic release feature of the clutch prevents marring of the work, screws or nuts.

Screw Driver Bit Guide Sleeves are non-revolving.

#### No. 02H

Equipped with "automatic" pistol type handle mounted in a position to give a perfectly balanced tool. Double-pole switch, trigger type, fully enclosed, mounted in handle with lock to hold in "on" position when desired.

#### No. 02M

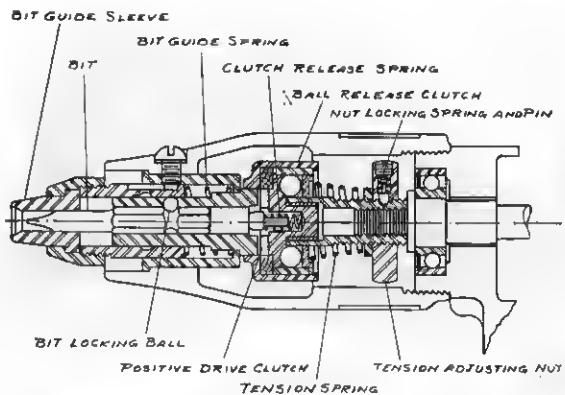
Equipped with Economo Switch for overhead suspension. Motor starts with slight pressure on switch lever, stops when pressure is released.

Simply constructed automatic clutch — steel balls roll between hardened and ground plates, one of which is recessed. Balls are retained in recesses by a single compression spring and drive bit holder — they jump out of the recesses when previously determined spring tension is reached, stopping further turning of the bit holder. Spring tension is regulated by a guarded adjustment nut that needs no further attention when once set for a particular job. There are no cones, composition friction plates, etc., in the patented Stanley automatic clutch.

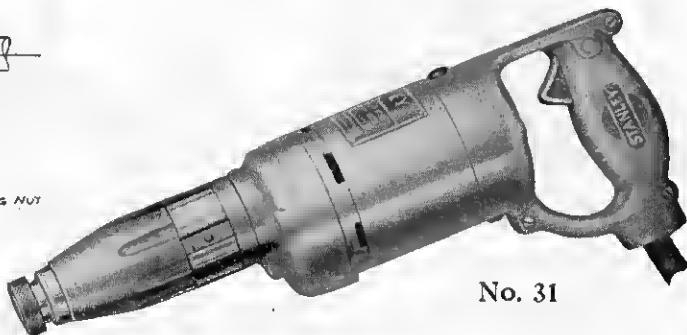
#### Specifications

Motor: Universal type, operates on either D.C. or A.C. 60 cycles or less. Voltages 110, 150, 220, 230 or 250. Specify number, voltage and speed desired. Can be supplied with a reversing switch.

Type No.	Capacity With Proper Size Lead Holes	Speed R.P.M. (Specify Speed Desired)		Amperes Full Load at 115 Volts	Length Overall	Net Weight	Shipping Weight
		No Load	115 Volts				
02	Nos. 4, 6, 8 Screws in hardwood	750				4½ lbs.	6 lbs.
	No. 10-1½" in soft wood	1000		1.7			
02H	Nuts up to $\frac{1}{4}$ " Machine Screw Size	1500				4½ lbs.	6½ lbs.
02M		2000				4¾ lbs.	6¾ lbs.



Drawing shows clutch construction of Nos. 02, 02H and 02M screw drivers, similar to clutch of Nos. 31 and 32 screw drivers.



No. 31

## Stanley Electric Screw Drivers With Adjustable Tension Clutch

Powerful production tools used wherever assembly work is done with screws or nuts, especially when care must be taken not to mar work as in refrigerator, auto, furniture and boat assembly. Easy to lubricate. Two driving speeds available.

### Special Features

- Strong aluminum alloy housings.
- Gears — nickel steel specially heat treated.
- Motor mounted on seal type ball bearings — retain lubricant and keep out dirt.
- Bronze bushing in spindle.
- Clutch cover guard prevents accidental change of tension.
- Enclosed 2 Pole Safety switch with locking device.
- Heavy rubber covered 3-wire cable.
- Positive cable clamp in handle.
- No. 31 — Furnished with 2 Screw Driver Bits with centering sleeves — one for Nos. 6 to 8 screws and one for Nos. 10 to 12 screws.
- No. 32 — Furnished with 2 Screw Driver Bits with centering sleeves — one for Nos. 10 to 12 screws and one for Nos. 14 to 16 screws.

### Adjustable Tension Clutch

The patented adjustable clutch automatically stops driving the screw or nut at the point predetermined by setting of the tension adjusting nut. The instant the clutch automatically releases, a hammering action is set up — an effective way of setting a screw or nut up tight.

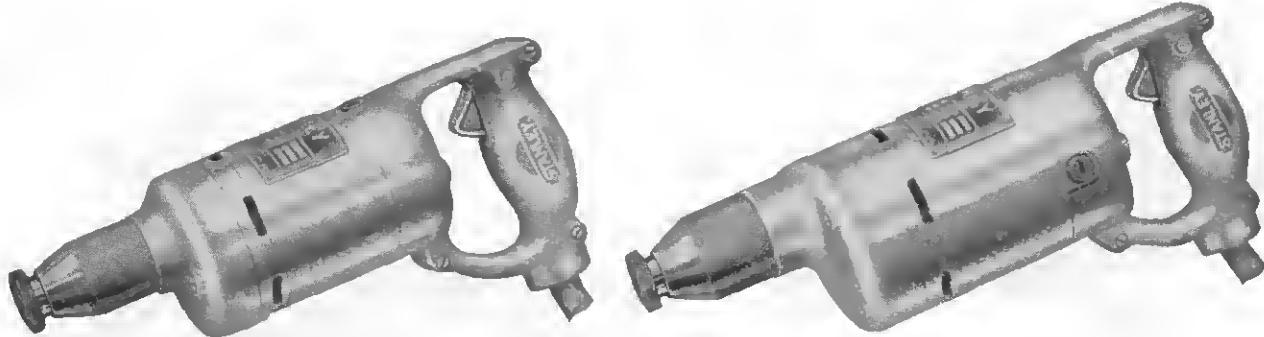
The automatic release feature of the clutch prevents marring of the work, screws or nuts.

Simply constructed automatic clutch — steel balls roll between hardened and ground plates, one of which is recessed. Balls are retained in recesses by a single compression spring and drive bit holder — they jump out of the recesses when previously determined spring tension is reached, stopping further turning of the bit holder. Spring tension is regulated by a guarded adjustment nut that needs no further attention when once set for a particular job. There are no cones, composition friction plates, etc., in the patented Stanley automatic clutch.

### Specifications

Motor: Universal type, operates on either D.C. or A.C. 60 cycles or less. Voltages 110, 150, 220, 230 or 250. Specify number, voltage, and speed desired. Can be supplied with a reversing switch.

Type No.	Capacity With Proper Size Lead Holes	Speed R.P.M. (Specify Speed Desired)		Amperes Full Load at 115 Volts	Length	Net Weight	Shipping Weight
		No Load					
31	No. 12-2" screws in hardwood Nuts up to $\frac{5}{16}$ " bolt size	430	550	2.7	14 $\frac{3}{4}$ "	7 $\frac{3}{4}$ lbs.	10 lbs.
32	No. 16-3 $\frac{1}{4}$ " screws in hardwood Lag screws up to $\frac{5}{16}$ " x 4" Nuts up to $\frac{3}{8}$ " bolt size	430	550	3.5	15 $\frac{3}{4}$ "	8 $\frac{1}{4}$ lbs.	12 lbs.



No. 1

No. 2

## Stanley Electric Screw Drivers With Positive Clutch

They are considerably shorter and lighter than most screw drivers of their capacity. They have a positive clutch in the spindle which disengages when forward pressure is released.

Used to drive screws and run nuts and bolts for: installing auditorium seats, shelving and partitions; opening and closing packing cases; installing and repairing machinery, production equipment and elevators; maintenance of cars, trucks, ships, etc.

### Special Features

Gears — nickel steel, specially heat treated.

Clutch jaws — special alloy nickel steel, carefully heat treated.

Motor shaft supported on seal type ball bearings.

Strong reinforced aluminum alloy housing.

Automatic release enclosed safety switch with locking device.

Heavy rubber covered three-wire cable.

Positive cable clamp in handle.

### No. 1

A powerful light weight production tool. It has bronze bushing in the spindle. Furnished with two screw driver bits,  $2\frac{1}{2}$ " projection with centering sleeves — one for Nos. 6 to 8 screws and one for Nos. 10 to 12 screws.

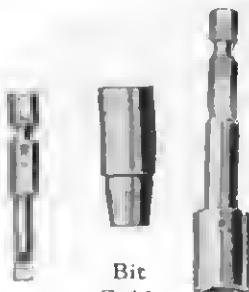
### No. 2

Powerful and full ball bearing — it has a thrust ball bearing on the spindle as well as ball bearings on both ends of the motor shaft. Furnished with two screw driver bits,  $2\frac{1}{2}$ " projection with centering sleeves — one for Nos. 10 to 12 screws and one for Nos. 14 to 16 screws.

### Specifications

Motor: Universal type, operates on either D.C. or A.C. 60 cycles or less. Voltages 110, 150, 220, 230 or 250. Specify number, voltage, and speed desired. Can be furnished with a reversing switch.

Type No.	Capacity With Proper Size Lead Holes	Speed R.P.M. (Specify Speed Desired)		Amperes Full Load at 115 Volts	Length	Net Weight	Shipping Weight
		No Load					
1	No. 12-2" screws in hardwood Nuts up to $\frac{5}{16}$ " bolt size	430	550	2.7	12"	6 $\frac{3}{4}$ lbs.	10 lbs
2	No. 16-3 $\frac{1}{4}$ " screws in hardwood Lag screws up to $\frac{5}{16}$ " x 4" Nuts up to $\frac{3}{8}$ " bolt size	430	550	3.5	13"	7 $\frac{3}{4}$ lbs.	11 lbs.



No. 67

Bit  
Guide  
Sleeve

No. 402

For Use with Nos. 02, 02H,  
02M Screw Drivers

## PHILLIPS BITS

No. 241S

No. 252

For Nos. 02, 02H, For Nos. 1, 2, 31  
02M Drivers and 32 Drivers

No. 6 No. 6W No. 7712

For Use with Nos. 1, 2,  
31 and 32 Screw Drivers



## Screw Driver Bits and Socket Wrenches

## BITS FOR SLOTTED SCREWS

Made from finest quality tool steel and tempered to stand up under hard usage. Tips are carefully formed and milled to size. Lengths are determined by the amount bit projects beyond the knurled nut.

For Screw Drivers Nos. 02, 02H, 02M —  $\frac{1}{2}$ " Projection

Slotted Screws (Flat Head*)	Without Bit Guide Sleeve	With Bit Guide Sleeve
4	No. 47	No. 47W
6	67	67W
8	87	87W*
10	107	107W*

\*Same Bit Guide Sleeve is used with Nos. 87W and 107W.

## Special Lengths

$2\frac{1}{2}$ "-4" projection without Bit Guide Sleeve

$2\frac{1}{2}$ "-4" projection with Bit Guide Sleeve

When ordering specify Number and Length of Projection

For Screw Drivers Nos. 1, 2, 31 and 32 —  $2\frac{1}{2}$ " Projection

Slotted Screws (Flat Head*)	Without Centering Sleeve	With Centering Sleeve
6 to 8	No. 6	No. 6W
8 to 10	8	8W
10 to 12	10	10W
14 to 16	14	14W

\*For round head screws use one size smaller bit than for flat head screws.

## Special Lengths

1"-4"-6"-8" projection without sleeve

4"-6"-8" projection with centering sleeve

When ordering specify Number and Length of Projection

## BIT EXTENSIONS

Can be used with regular screw driver bits in Screw Drivers Nos. 1, 2, 31 and 32 where longer shanks are desired 5 sizes — 10", 12", 14", 16" and 20" long.

## BITS FOR PHILLIPS RECESSED HEAD SCREWS

Made from finest quality tool steel and tempered to stand up under hard usage. Produced by Stanley under American Screw Company license for use with Phillips Screws

For Stanley Screw Drivers	Number and Length	Size Point	Fits Phillips Screws
Nos. 02, 02H, 02M	241S*—1" proj'tion 242S*—1" proj'tion	1 2	4 and smaller 5-9 inclusive
Nos. 1, 2, 31 and 32	252— $2\frac{1}{4}$ " proj'tion 253— $2\frac{1}{4}$ " proj'tion	2 3	5-9 inclusive 10-16 inclusive

\*Order Bit Bushing No. S7409 for use with bits Nos. 241S and 242S

## SOCKET WRENCHES

Made from high grade steel carefully hardened and tempered and accurately machined to size. They will stand up under severe use. Furnished complete — Socket and Shank. Sockets can also be furnished separately.

For Screw Drivers Nos. 02, 02H, 02M — Shanks 1"  
and 4" Long

Size Across Flats	Hexagonal Sockets*	Square Sockets*
$\frac{1}{4}$ "	402	
$\frac{5}{16}$ "	602	602S
$\frac{11}{32}$ "	802	
$\frac{3}{8}$ "	1002	1002S
$\frac{7}{16}$ "	1202	1202S
$\frac{1}{2}$ "	1402	1402S

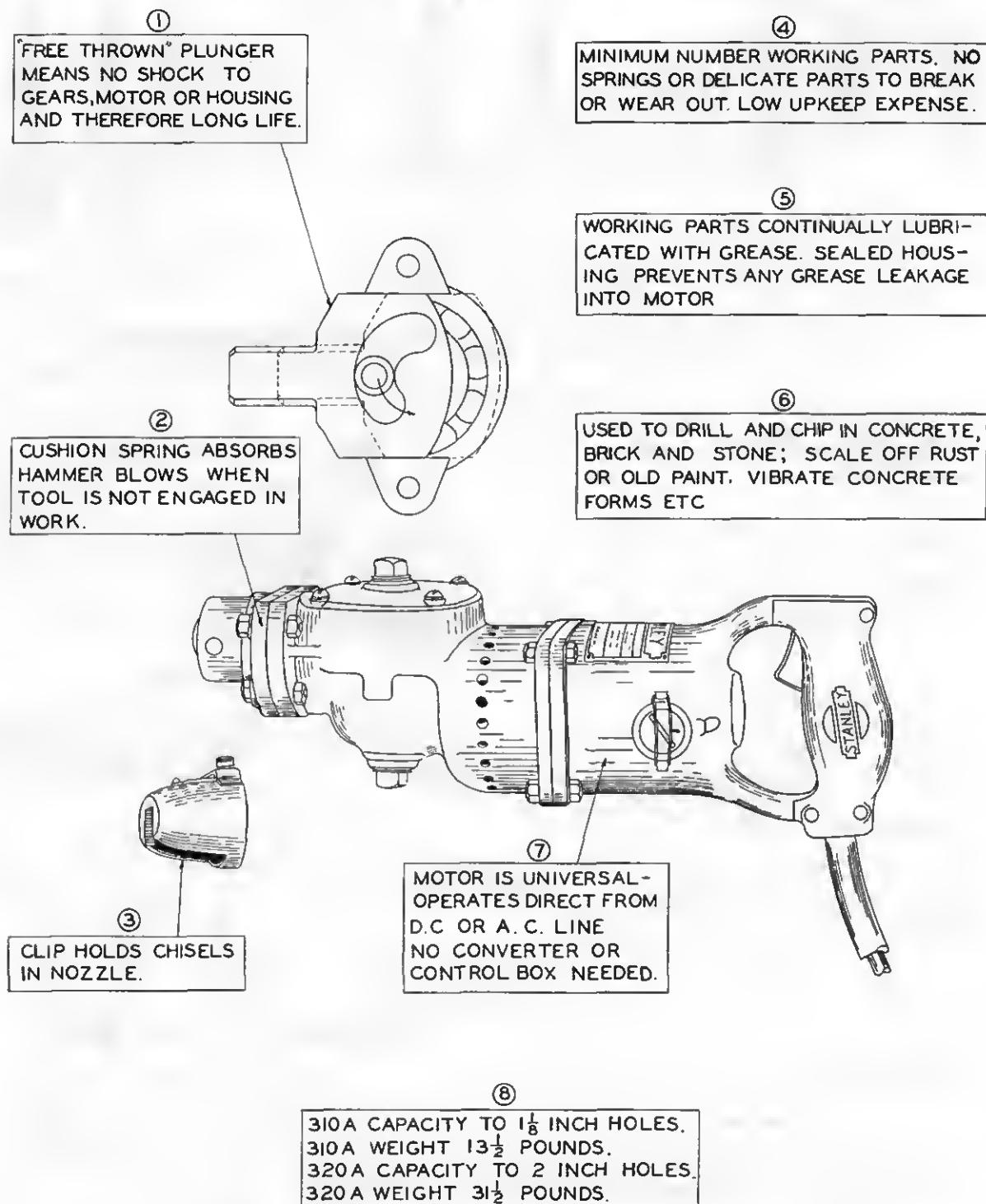
\*Order Special Bushing S7540 for use with these sockets.

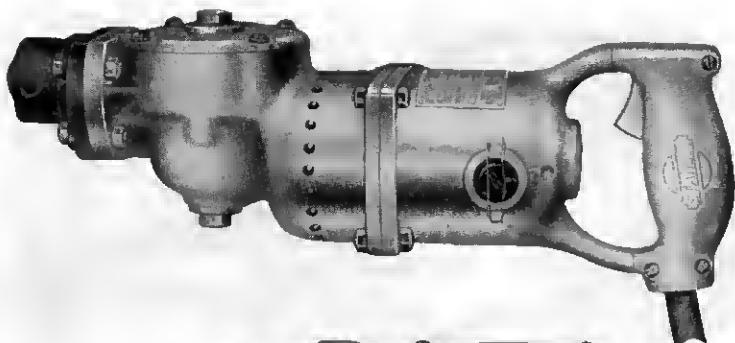
For Screw Drivers Nos. 1, 2, 31 and 32 — Shanks  
2", 4" and 6" Long

Size Across Flats	Hexagonal Sockets	Square Sockets
$\frac{5}{16}$ "	...	07710
$\frac{3}{8}$ "	7712	07712
$\frac{7}{16}$ "	7714	07714
$\frac{1}{2}$ "	7716	07716
$\frac{9}{16}$ "	7718	07718
$\frac{19}{32}$ "	7719	07719
$\frac{5}{8}$ "	7720	07720

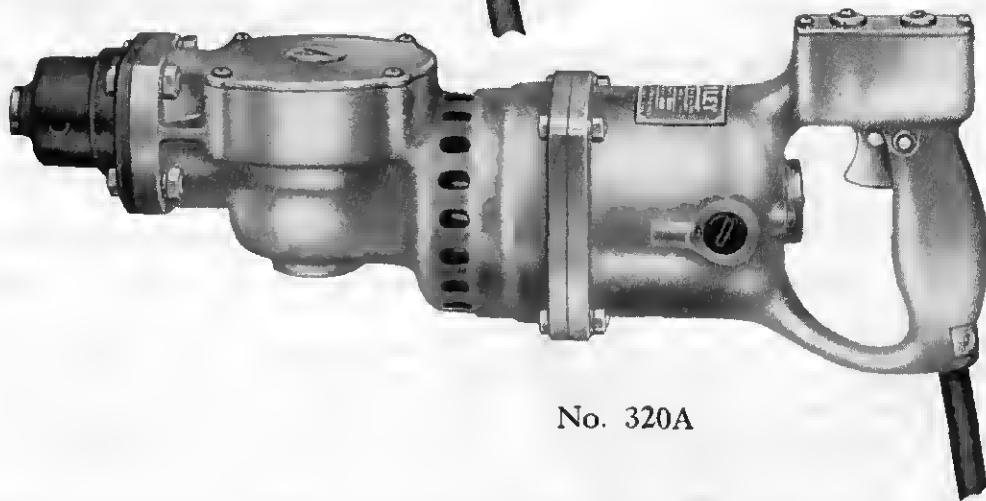
When ordering specify Number and Length of Shank

# Stanley Electric Hammers





No. 310A



No. 320A

## Stanley Electric Hammers

Stanley Electric Hammers are used to drill, chip and channel in concrete, stone and brick; chisel wood; vibrate concrete forms; scale rust; tamp concrete; in general, any work requiring hammer action.

### Special Features

Stanley Electric Hammers require no auxiliary equipment such as converters or control boxes — simply plug into a light socket.

Extra strong duralumin housings.

Powerful universal motors.

Heavy coil spring takes up shock of idle blows.

Heavy duty seal type ball bearings on motor and transmission shaft.

Special sealing devices to prevent grease leakage.

Nickel steel gears specially heat treated.

Automatic release switch.

Motor brush construction prolongs brush life.

Heavy rubber covered three-wire cable.

### No. 310A

A powerful, well balanced and exceptionally light weight hammer. Packed in a carrying case with chucks Nos. 2 and  $2\frac{1}{2}$  and a supply of lubricant.

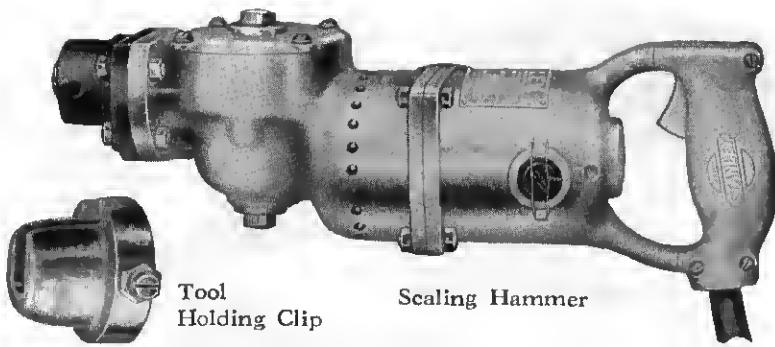
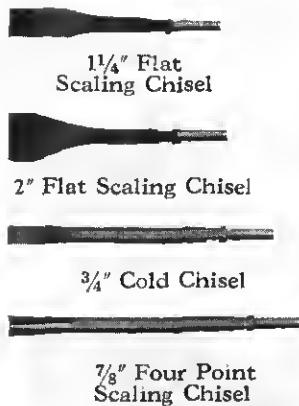
### No. 320A

A powerful hammer for all kinds of heavy work. Completely redesigned — new rubber mounted switch reduces vibration of switch contacts; larger motor for greater power; improved motor field mounting and increased ventilation. Packed with Chucks Nos.  $3\frac{1}{2}$  and 4, and a supply of lubricant.

### Specifications

Motor: Universal type operates on either D.C. or A.C. 60 cycles or less. Voltages 110, 125, 150, 220, 230, or 250. Specify number and voltage.

Type No.	Capacity (Diam. in Concrete)	Amperes, Full Load at 115 Volts	Length	Net Weight	Shipping Weight
310A	$1\frac{1}{8}''$	3.8	16"	13 lbs.	25 lbs.
320A	2"	8.0	21"	28 lbs.	50 lbs.



## Stanley Scaling Hammer

*Operates From A.C. or D.C. Current Without Convertors or Control Boxes*

*Removes Scale, Rust and Paint—Quicker, Better and Cheaper*

Stanley Electric Scaling Equipment is profitable equipment for ship owners, ship building and dry dock companies interested in lowering expense and in keeping ships in the best of condition. With it scale and rust are removed more easily and many times faster than is possible by hand methods, and it leaves the surface in perfect condition for painting — no nicks or spots of rust remain to quickly start a new batch of scale. Ships having Stanley Scaling Equipment on board will find it easier to keep ahead of destructive scale while enroute between ports.

### Special Features

Powerful universal motors operate direct from A.C. or D.C. lines.

Stanley Scaling Hammers require no auxiliary equipment such as converters or control boxes — simply plug into a light socket.

Extra strong duralumin housings.

Heavy coil spring takes up shock of idle blows.

Heavy duty seal type ball bearings on motor and transmission shaft.

Special sealing devices to prevent grease leakage.

Nickel steel gears specially heat treated.

Automatic release switch.

Motor brush construction prolongs brush life.

Tool Retaining Clip holds Scaling tools so they can't fall out.

Heavy rubber covered three-wire cable.

### Stanley Scaling Equipment

Electric Scaling Hammer with Cable. Tool Holding Clip Lubricant and Carrying Case

1 1/4" Scaling Chisel.

2" Scaling Chisel.

7/8" Four Point Scaling Tool.

3/4" Cold Chisel.

Complete Equipment — Electric Hammer and One Each of Above Tools in a Metal Carrying Case.



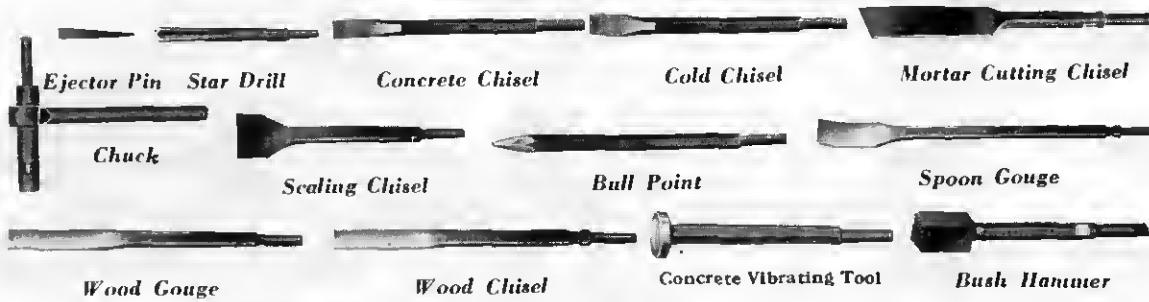
### Specifications for Stanley Electric Scaling Hammer

Motor: Universal type operates on either D.C. or A.C. 60 cycles or less. Voltages 110, 125, 150, 220, 230, or 250. Specify number and voltage.

Type	Amperes, Full Load at 115 Volts	Length	Net Weight	Shipping Weight
Scaling Hammer	3.8	15 1/2"	13 lbs.	25 lbs.

# Stanley Electric Hammer Tools

Specify hammer with which they are to be used



## CHUCKS

No. 1. Masonry Drill Chuck for No. 310A. Takes masonry drills from  $\frac{1}{16}$ " to  $\frac{5}{8}$ " with small shanks. Taper —  $1\frac{1}{2}$ " per foot.

No. 2. Star Drill Chuck for No. 310A. Takes star drills from  $\frac{3}{16}$ " to  $\frac{3}{4}$ ".

No.  $2\frac{1}{2}$  Star Drill Chuck for No. 310A. Takes star drills from  $\frac{13}{16}$ " to  $1\frac{1}{8}$ ".

No. 3. Star Drill Chuck for No. 320A. Takes star drills from  $\frac{3}{16}$ " to  $\frac{3}{4}$ ".

No.  $3\frac{1}{2}$  Star Drill Chuck for No. 320A. Takes star drills from  $\frac{13}{16}$ " to  $1\frac{1}{8}$ ".

No. 4. Star Drill Chuck for No. 320A. Takes star drills from  $1\frac{1}{4}$ " to 2".

## EJECTOR PINS

For Chucks Nos. 1, 2,  $2\frac{1}{2}$ , 3 and  $3\frac{1}{2}$ .  
For Chuck No. 4.

## TAPERED SHANK STAR DRILLS

Used with Chuck No. 2 and Chuck No. 3

Size	Size	Size
$\frac{3}{16}$ " x 4"	$\frac{7}{16}$ " x 6"	$1\frac{1}{16}$ " x 6"
$\frac{1}{4}$ " x 4"	$\frac{9}{16}$ " x 6"	$\frac{3}{4}$ " x 6"
$\frac{5}{16}$ " x 4"	$\frac{9}{16}$ " x 6"	$\frac{5}{8}$ " x 12"
$\frac{3}{8}$ " x 6"	$\frac{5}{8}$ " x 6"	$1\frac{1}{16}$ " x 12"
		$\frac{3}{4}$ " x 12"

Used with Chuck No.  $2\frac{1}{2}$  and Chuck No.  $3\frac{1}{2}$

$1\frac{13}{16}$ " x 6"	$1\frac{1}{16}$ " x 6"	$1\frac{1}{16}$ " x 12"
$\frac{7}{8}$ " x 6"	$1\frac{1}{16}$ " x 6"	$1"$ x 12"
$1\frac{15}{16}$ " x 6"	$1\frac{13}{16}$ " x 12"	$1\frac{1}{8}$ " x 12"
$1"$ x 6"	$\frac{7}{8}$ " x 12"	

Used with Chuck No. 4 in Hammer No. 320A.

$1\frac{1}{4}$ " x 12"	$1\frac{5}{8}$ " x 12"	$1\frac{1}{4}$ " x 24"
$1\frac{8}{8}$ " x 12"	$1\frac{3}{4}$ " x 12"	$1\frac{1}{2}$ " x 24"
$1\frac{1}{2}$ " x 12"	2" x 12"	

## OVERHEAD DRILLING STAND FOR NO. 310A

For drilling holes in concrete ceilings for sprinkler systems, etc. Adjustable from 6 ft. 7 in. to 18 ft. 10 in. Chuck without handle is used and is held in place by the tool retaining clip. By swinging the stand handle, the stand, hammer and drill are rotated, making scaffolding unnecessary.

Furnished with 2 ft. of cable with line switch and connecting plugs so Hammer can be conveniently controlled from the floor. Net weight 47 lbs. Shipping weight 85 lbs.

## RIVET SETS

For No. 310A

$\frac{3}{16}$ ",  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ "

For No. 320A

$\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ "



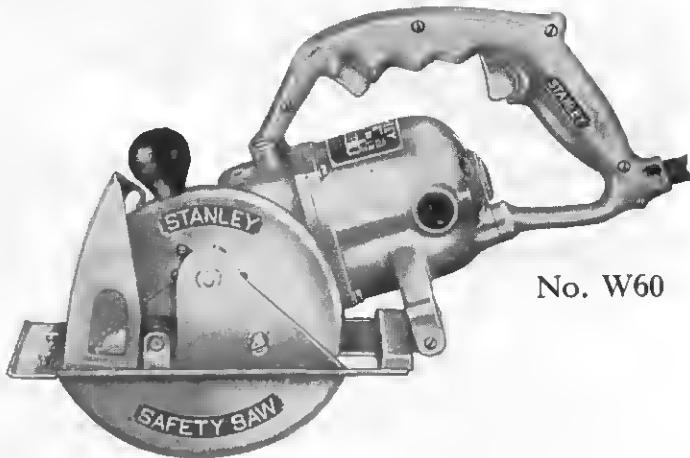
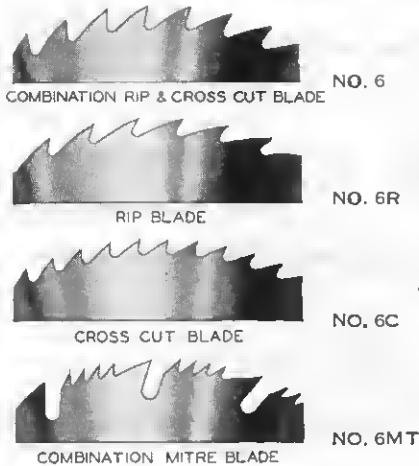
## TOOLS FOR No. 310A

Concrete Form Vibrating Tool.....	$1\frac{1}{2}$ " x 6"
Concrete Chisels.....	$\frac{3}{4}$ " x 9"
Cold Chisels.....	$\frac{3}{4}$ " x 9"
Chisel Blanks.....	9"
Bull Point.....	9"
Brick Cleaning Chisel.....	2" x 10"
Wood Chisels.....	$\frac{3}{4}$ " x 10"
Wood Chisels.....	$\frac{3}{4}$ " x 16"
Wood Chisels.....	$1\frac{1}{2}$ " x 10"
Wood Chisels.....	$1\frac{1}{2}$ " x 16"
Mortar Cutting Chisel.....	$1\frac{1}{4}$ " x 10"
Wood Gouges.....	$\frac{3}{4}$ " x 10"
Wood Gouges.....	$\frac{3}{4}$ " x 16"
Wood Gouges.....	$1\frac{1}{2}$ " x 10"
Wood Gouges.....	$1\frac{1}{2}$ " x 16"
Spoon Gouges.....	$1\frac{1}{4}$ " x 16"
Scaling Chisel.....	2" x 7"
Scaling Chisel.....	$1\frac{1}{4}$ "
Bush Hammer.....	$1\frac{1}{4}$ " square face
Tool Retaining Clip	

## TOOLS FOR No. 320A

Concrete Form Vibrating Tool.....	$1\frac{1}{2}$ " x 7"
Concrete Chisels.....	$1"$ x 12"
Concrete Chisels.....	$1"$ x 24"
Cold Chisels.....	$\frac{7}{8}$ " x 9"
Chisel Blanks.....	12"
Chisel Blanks.....	24"
Bull Point.....	12"
Brick Cleaning Chisel.....	3" x 10"
Bush Hammer.....	$1\frac{1}{2}$ " square face
Tool Retaining Clip	

# New!



No. W60

## Stanley Safety Saw

6" Blade — 0" to 1 $\frac{7}{8}$ " Cutting Capacity

Light weight, heavy duty Safety Saw! Plenty of power for continuous operation and fast cutting! Duplex handle (two triggers) makes this Saw easy to handle in any position. Fully equipped with approved Stanley Safety features. A rugged Saw that will perform efficiently for carpenters, contractor-builders, shippers and maintenance men to cut dressed 2" lumber, rip flooring, sheathing, etc. Furnished complete with 6-inch Combination Rip and Crosscut Blade, Ripping Gauge, Wrench, Lubricant and heavy rubber covered three-wire cable (third wire for grounding). Packed in metal carrying case.

### Special Features

Gears — Heavy duty ground heat treated alloy steel worm and over-size alloy steel bronze worm wheel which runs in a large grease chamber assuring constant lubrication and smooth operation. Duplex handle — new design has two gripping positions. Trigger type switch, double pole, bakelite enclosed, can be operated independently by either of two triggers according to grip used. Safety guards keep cutting edge of blade covered at all times.

One only wing nut adjustment for depth of cut. Notched base makes it easy to follow cutting line. Armature mounted on large seal type ball bearings. Saw arbor also mounted on ball bearings, outer bearing being of the seal type. Positive cord clamp eliminates strain on wire connections. Saw Blade has  $\frac{3}{4}$ " arbor hole with an additional notch (can be filed in any standard blade) which fits over stud to insure positive drive.

### Specifications

Motor: Universal type, operates on either D.C. or A.C., 60 cycles or less. Voltages: 110, 125, 150, 220, 230, 250. When ordering specify number, voltage, and style of saw blade desired. Unless otherwise specified, No. 6 Combination Rip and Crosscut Blade will be furnished.

Type No.	Size of Saw Blade	Cutting Capacity	No Load Blade Speed	Amps Full Load at 115 Volts	Net Weight	Shipping Weight
W-60	6"	1 $\frac{7}{8}$ "	3200 R.P.M.	6.0	15 lbs.	35 lbs.

### Saw Blades with $\frac{3}{4}$ " Arbor Hole for No. W-60 Safety Saw

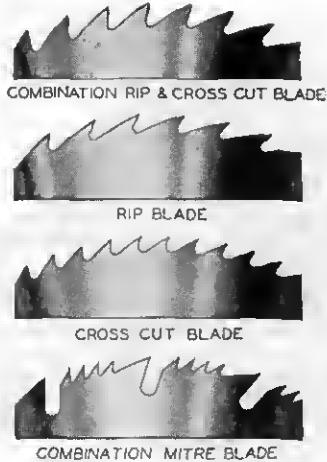
No. 6 — Combination Rip and Crosscut Blade  
No. 6R — Rip Blade  
No. 6C — Crosscut Blade

No. 6MT — Mitre Blade  
No. 6MTC — Nail Cutting Blade

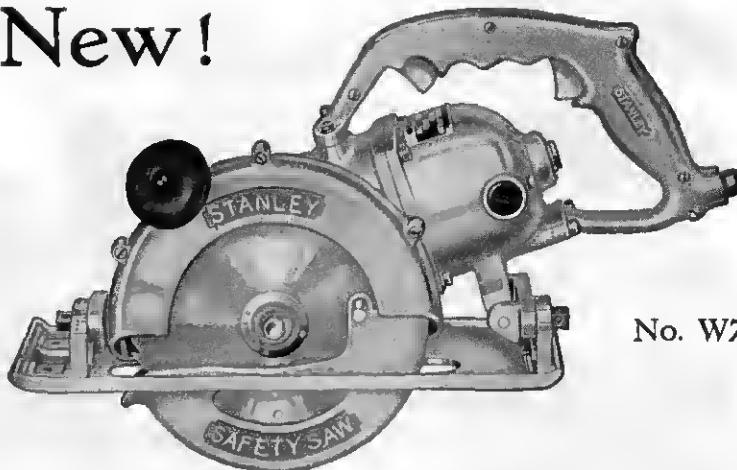
### Accessories for No. W-60 Safety Saw

Stone Saw Guard for W-60 — 6" Saw. Used in place of swinging guard when cutting tile, stone, etc.

Abrasive Wheels for No. W-60 Saw See Page 45.



# New!



No. W7

## Stanley Safety Saws

**W7 — Capacity 0" to  $2\frac{1}{2}$ " — Tilting Base for Bevel Cuts up to  $1\frac{7}{8}$ " at 45°**  
**W8 — Capacity 0" to  $2\frac{3}{4}$ " — Tilting Base for Bevel Cuts up to  $2\frac{1}{16}$ " at 45°**

Heavy duty Safety Saws with Duplex Handle and plenty of power for fast cutting. The Duplex Handle, an exclusive Stanley feature, permits easy handling in any position. Simple wing nut adjustment for depth of cut. Approved Stanley Safety features. Powerful, rugged, practical Saws for carpenters, builders and industrial maintenance men.

Standard equipment for both Saws includes Combination Rip and Crosscut Blade, Ripping Gauge, Wrench, Lubricant and heavy rubber covered three-wire cable (third wire for grounding). Packed in metal carrying case.

### Special Features

Heat treated aluminum alloy base.

**Gears** — heavy duty ground heat treated alloy steel worms and over-size alloy bronze worm wheel which runs in a large grease chamber assuring constant lubrication and smooth operation.

Duplex handle — new design has two gripping positions. Trigger type switch, double pole, bakelite enclosed, can be operated independently by either of two triggers according to grip used. Safety guards keep cutting edge of

blade covered at all times. Simple wing nut adjustment for depth of cut. Armature mounted on large seal type ball bearings. Saw arbor also mounted on ball bearings, outer bearing being of the seal type.

Positive cord clamp eliminates strain on wire connections. Saw blade has  $\frac{3}{4}$ " arbor hole with additional notches (can be filed in any standard blade) which fits over stud to insure positive drive.

### Specifications

Motor: Universal type, operates on either D.C. or A.C. 60 cycles or less. Voltages: 110, 125, 150, 220, 230 or 250. When ordering specify number, voltage and style of saw blade desired. Unless otherwise specified, Combination Rip and Crosscut Blade will be furnished with both Saws.

Type No.	Saw Blade	Cutting Capacity	No Load Blade Speed	Amps. Full Load 115 Volts	Net Weight	Shipping Weight
W7	Comb. Blade regular equipment. Other types shown above furnished when specified. Order by number.	$2\frac{1}{2}$ "	3700 R.P.M.	9.0	18 lbs	41 lbs.
W-8	Comb. Blade regular equipment. Other types shown above furnished when specified. Order by number.	$2\frac{3}{4}$ "	3500 R.P.M.	9.7	20 lbs.	43 lbs.

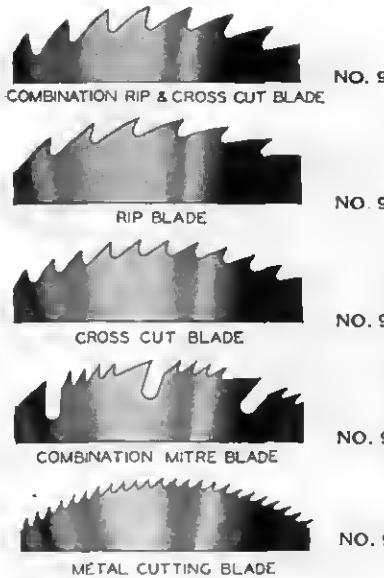
Saw Blades for No. W7 Saw ( $\frac{3}{4}$ " Arbor Hole)

No. 7 — Combination Rip and Crosscut Blade  
 No. 7R — Rip Blade  
 No. 7C — Crosscut Blade  
 No. 7MT — Mitre Blade  
 No. 7MTC — Nail Cutting Blade

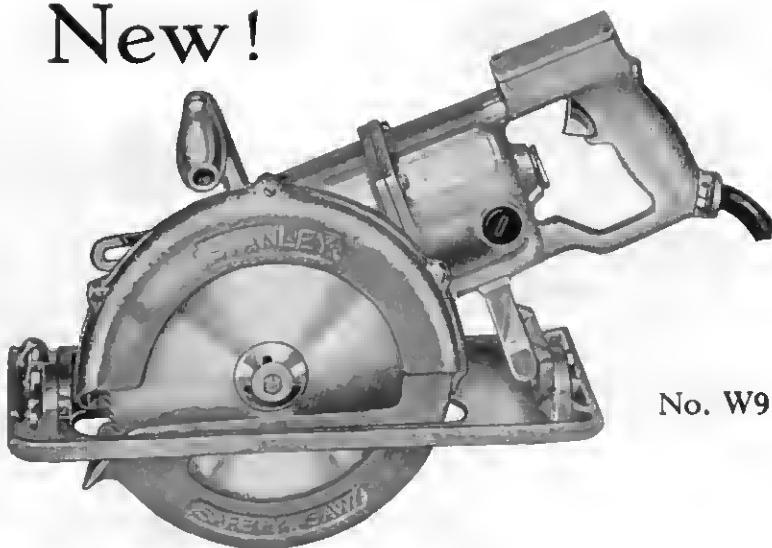
Saw Blades for No. W8 Saw ( $\frac{3}{4}$ " Arbor Hole)

No. 8 — Combination Rip and Crosscut Blade  
 No. 8R — Rip Blade  
 No. 8C — Crosscut Blade  
 No. 8MT — Mitre Blade  
 No. 7MTC — Nail Cutting Blade

Abrasive Wheels for Nos. W7 and W8 Saws — See page 45.



# New!



No. W9

## Stanley Safety Saw

Capacity 0" to  $3\frac{1}{4}$ " — Tilting Base for Bevel Cuts

A new Safety Saw! Balanced design for ease of operation, fast cutting and years of service. Newly developed features have been incorporated to give you a Saw with  $3\frac{1}{4}$ " cutting capacity that handles like a hand saw. It has a tilting base for making bevel cuts up to 45° in  $2\frac{1}{4}$ " material. A powerful motor-driven Saw for contractors-builders and plant maintenance men.

Standard equipment includes Combination Saw Blade, Ripping Gauge, Wrench, Lubricant and heavy rubber covered three wire cable (third wire for grounding). Packed in metal carrying case.

### Special Features

Heat treated aluminum alloy base.

Gears — heavy duty ground heat treated alloy steel worm and over-size alloy bronze worm wheel which runs in a large grease chamber assuring constant lubrication and smooth operation.

Switch — momentary contact, heavy duty double pole, bakelite enclosed.

Safety stationary and swinging guards keep cutting edge of blade covered at all times. Swinging guard uncovers cutting edge of blade only when saw advances and covers blade as soon as cut is finished.

Only one adjustment for different depths of cut.

Notched base makes it easy to follow cutting line.

Armature mounted on large seal type ball bearings. Saw arbor also mounted on ball bearings, outer bearing being of the seal type.

Positive cord clamp eliminates strain on wire connections.

Saw blade has standard arbor hole with additional notches (can be filed in any standard blade) which fit over stud to insure positive drive.

### Specifications

Motor: Universal type, operates on either D.C. or A.C. 60 cycles or less. Voltages: 110, 220 or 230. When ordering specify number, voltage and style of saw blade desired. Unless otherwise specified, No. 9 Combination Saw Blade will be furnished.

Type No.	Saw Blade	Cutting Capacity	No Load Blade Speed	Amps Full Load 115Volts	Net Weight	Shipping Weight
W9	Comb. Blade regular equipment Other Types shown above furnished when specified. Order by number.	$3\frac{1}{4}$ "	3300	12	26 lbs.	55 lbs.

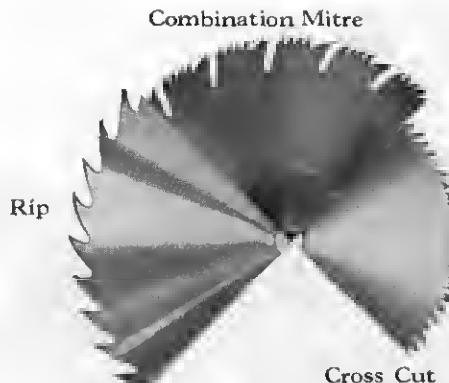
### Saw Blades with $\frac{7}{8}$ " Arbor Hole for No. W9 Saw

No. 9 — Combination Rip and Crosscut Blade.  
No. 9C — Crosscut Blade.

No. 9R — Rip Blade.

See page 45 for Abrasive Wheels.

No. 9MT — Mitre Blade.  
No. 9MC — Metal Cutting Blade  
No. 9MTC — Nail Cutting Blade



## Stanley Safety Saws

**Patented safety features:** Guard is released by a trigger or trip when saw engages with the work. Guard uncovers the blade only as the blade advances; Guard returns instantly to completely cover the blade and is locked there when blade is withdrawn from the work; Guard returns to the protecting position regardless of the position of the saw; saw is made non-operative if guard is removed.

### Special Features

Spur and bevel gear drive.  
Gears, shaft and arbor are nickel alloy steel.  
Easily lubricated.  
Strong aluminum alloy housing.  
Momentary contact switch.  
Heavy duty ball bearings throughout.  
Depth gauge permits quick adjustment for depth of cut.  
Standard arbors are used so that saw blades can be purchased from any mill supply or hardware dealer.  
Screws, bolts and nuts are standard.  
Parts are interchangeable.  
Furnished with No. 10 rubber covered three-wire cable, (*third wire for grounding*), saw blade, wrench and supply of lubricant.  
Ground wire standard equipment.

Mine timbers, scaffolding, bridge timbers and heavy planking are readily cut with this powerful saw. Used by railroads as a general utility tool. It can be equipped with a Stanley Dado-Dapper for mortising ties and cutting other grooves.

### No. CC-12

A fast and powerful tool. It is the only power hand saw on the market that will cut to a depth of 6 inches. Railroads, subways, dry docks, creosoting plants, bridge builders and heavy construction contractors use this saw to cut heavy, cumbersome timbers. It can be equipped with a Stanley Dado-Dapper for mortising.

### No. CC-16

#### Specifications

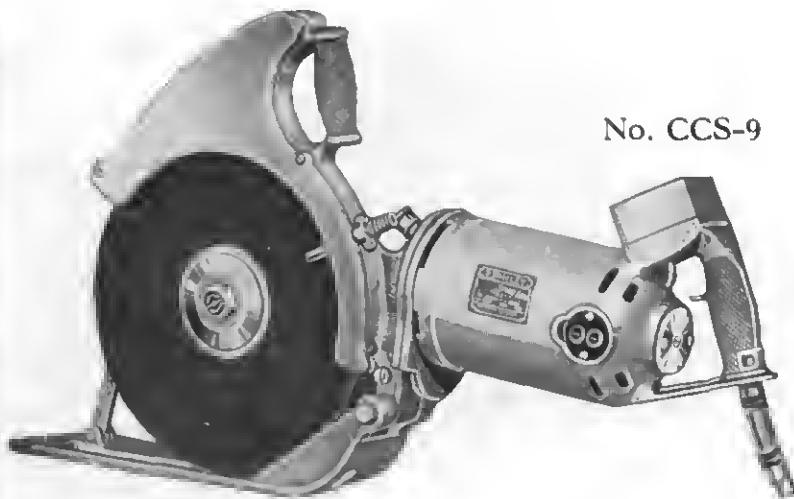
**Motor:** Universal type operates on either D.C. or A.C. 60 cycles or less. Voltages 110, 220, 230, or 250.  
When ordering specify number, voltage and style of saw blade.  
Unless otherwise specified a Rip Saw Blade will be furnished.

Type No.	Size of Saw Blade	Cutting Capacity	No Load Blade Speed	Amperes, Full Load at 115 Volts	Net Weight	Shipping Weight
CC-12	12"	4"	2100 R.P.M.	18.0	42 lbs.	71 lbs.
CC-16	16"	6"	2100 R.P.M.	20.0	50 lbs.	90 lbs.

Saw Blades with 1" Arbor Hole for No. CC-12 Saw and with 1 1/8" Arbor Hole for No. CC-16 Saw. Rip, Crosscut or Combination Mitre as specified.

Dado-Dapper with 7" x 1 1/2" Blades, Guard, Mandrel, Washer and Nut available as accessory for Nos. CC-12 and CC-16 Saws.

See page 45 for Abrasive Wheels.



No. CCS-9

## Stanley Electric Stone Saws

Stanley Stone Saws are especially valuable for cutting limestone, random ashlar, sandstone, marble, slate, roofing tile, asbestos roofing, transite panels, freestone and other rock-like materials. The abrasive wheel driven at a speed of 2500 R.P.M. cuts cleanly and quickly leaving polished edges and square corners. It does away with the slow, costly and wasteful chipping method. They are also used extensively to cut angle iron, corrugated metal, wire rope, copper, brass tubing, etc.

### Special Features

Spur and bevel gear drive permits the use of high speed, powerful motors.

Gears, spindles and arbors are made from nickel alloy steel.

All parts are standard and interchangeable.

Strong aluminum alloy housing.

Heavy duty ball bearings throughout.

Momentary contact switch.

Depth gauge for accurate cutting.

Furnished with No. 10 rubber covered three-wire cable, (*third wire for grounding*), abrasive wheel, wrench and supply of lubricant.

Ground wire, standard equipment.

### No. CCS-9

Especially useful for cutting switchboard slate, floor tile, marble facing, roofing materials, etc. It will cut marble up to 1" thick.

### No. CCS-12

A powerful saw for cutting window sills, copings, chimney stones, etc. Used extensively in cut stone yards, by soda fountain manufacturers and building contractors. It will cut marble up to 2" thick.

### Specifications

Motor: Universal type operates on either D.C. or A.C. 60 cycles or less. Voltages: 110, 220, 230, or 250.  
Please specify number and voltage.

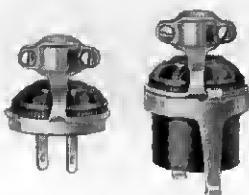
Type No.	Size of Wheel	Cutting Capacity	No Load Blade Speed	Amperes, Full Load at 115 Volts	Net Weight	Shipping Weight
CCS-9	9"	3"	2500 R.P.M.	16.0	31 lbs.	57 lbs.
CCS-12	12"	4"	2100 R.P.M.	20.0	39 lbs.	67 lbs.

See next page for Abrasive Wheels. (9" and 12" in diameter) for use with Stanley Stone Saws.

# Accessories for Stanley Wood and Stone Saws

## EXTENSION CORDS FOR SAFETY SAWS

Extension Cords for Stanley Safety Saws are designed to stand up under hard out-door use. Each heavy rubber covered cord is fitted with a two-prong locking plug and connector.



Matched Locking Plug  
No. MS225

It is most important that Extension Cords are the correct gauge to eliminate drop in voltage when Saw is under load and as a safety precaution. The distance from where the Saw is used to the power outlet determines which size cable you should use. The farther you are from the power line, the larger your cable should be. Extension Cords for Stanley Safety Saws are available as listed below. Specify number of Saw and length of cord desired when ordering.

Length Cord	W-60	W-7	W-8	W-9	CC-12	CC-16
50 Ft.	16 Ga.	14 Ga.	14 Ga.	14 Ga.	10 Ga.	10 Ga.
100 Ft.	14	14	14	12	10	10
150 Ft.	14	14	14	12	8	8
200 Ft.	14	12	12	10	6	6
250 Ft.	12	12	12	10	6	6
300 Ft.	12	10	10	8	4	4

## STANLEY SAW GREASE



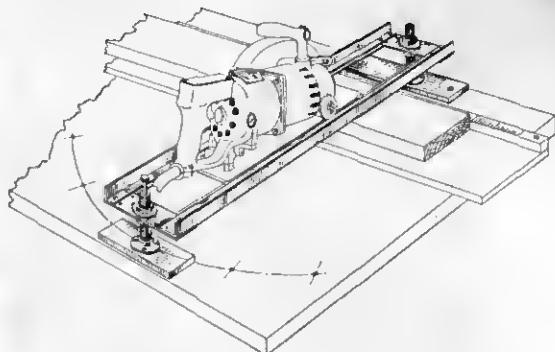
Stanley Saw Grease No. 201 is recommended for Safety Saws Nos. W-60, W-7, W-8 and W-9. This is a tested fluid grease used on worm gear drives that will insure correct lubrication. Stanley Saw Grease No. 202 is recommended for Safety Saws Nos. CC-12 and CC-16 and Stone Saws Nos. CCS-9 and CCS-12. This is a special grease used on ball bearings and on drill gears.

Both types of Stanley Saw Greases have been developed to insure the right lubrication for Stanley Safety Saws under all working conditions. No. 201 and No. 202 Saw Greases are available in 5 oz. tubes, and in 1, 2 and 4 lb. spring cover cans. When ordering specify tools to be lubricated.



All Stanley Saw Cables (except cable furnished on W-60 saw) are equipped with locking plug No. MS181.

For best results all extension cables should have matching locking receptacle No. MS 225 which as noted above is standard equipment on Stanley extension cord.



ADJUSTABLE SAW FRAME NO. 158  
For Safety Saws Nos. W-7, W-8 and W-9

Structural steel frame readily adjustable for use with Stanley Safety Saws Nos. W-7, W-8 and W-9 for square, bevel and bevel mitre cuts. Frame is adjustable for height from minimum to maximum capacity of Saw by moving clamp nuts on each end of frame. Stop pin in front clamp drops into bored holes in bench at any angle for other than straight cuts.

With this accessory, the user can eliminate laying out and marking each piece of lumber and will find it a real time-saver as a guide in cutting lumber to exact size desired. Shipping weight, 30 lbs.

The No. 158 Saw Frame can be furnished special for use with Stanley No. CCS-9 Stone Saw.

## ABRASIVE SAW WHEELS

Specially made from bonded, best grade hard abrasive. All are  $\frac{1}{32}$ " thick.

Wheels 6" in diameter for use with Saw No. W60. Wheels 7" in diameter for use with Saws Nos. W7 and W8. Wheels 9" in diameter for use with Saws Nos. W9 and CCS9. 12" Wheels for use with No. CCS12 Saw.



Abrasive Wheel

No.	Diam.	Arbor Hole	Shipping Weight (Doz.)
6G General Purpose	6"	$\frac{3}{4}$ "	4 lbs.
6M Marble	6"	$\frac{3}{4}$ "	4 lbs.
6S Steel	6"	$\frac{3}{4}$ "	4 lbs.
W7G General Purpose	7"	$\frac{3}{4}$ "	4 lbs.
W7M Marble	7"	$\frac{3}{4}$ "	4 lbs.
W7S Steel	7"	$\frac{3}{4}$ "	4 lbs.
W9G General Purpose	9"	$\frac{7}{8}$ "	$6\frac{1}{2}$ lbs.
W9M Marble	9"	$\frac{7}{8}$ "	$6\frac{1}{2}$ lbs.
W9S Steel	9"	$\frac{7}{8}$ "	$6\frac{1}{2}$ lbs.
12G General Purpose	12"	1"	12 lbs.
12M Marble	12"	1"	12 lbs.
12S Steel	12"	1"	12 lbs.



## Stanley Unishears

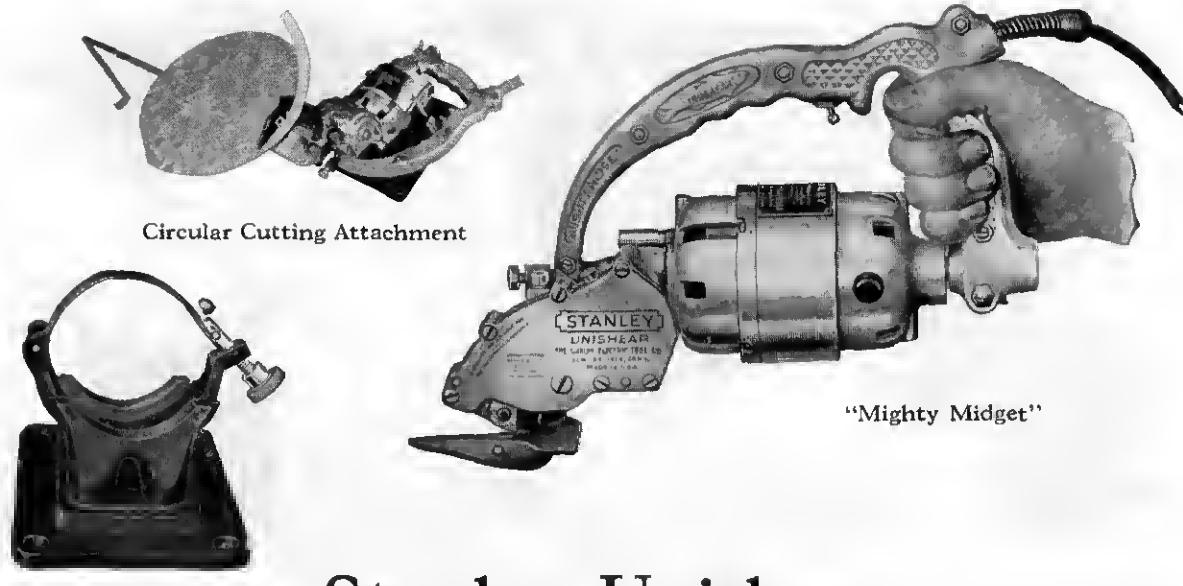
### Cut These:

Galvanized Iron	Armco Iron	Canvas
Brass	Fibre	Felt
Copper	Wire Lath	Linoleum
Tin	Hardware Cloth	Black Iron
Aluminum	Screen Wire	Blue Annealed Sheets
Stainless Steel	Asbestos	Paper, etc.

### To Make These:

Ventilators	Ice Box Lining	Patterns
Air Ducts	Soda Fountains	Templates
Machine Guards	Metal Boats & Sinks	Elbow Sections
Corset Patterns	Airplanes	Radiator Covers
Shirt Patterns	Auto Bodies	Shelving & Lockers
Signs & Letters	Fender Wells	Radiator Enclosures
	Stoves, etc.	

Several thousands of these versatile machines are now in use cutting sheet materials quicker, better and cheaper. If customers with a sheet material cutting problem will send samples of materials to us, we shall be glad to make recommendations on how to cut the materials with a Stanley Unishear.



Circular Cutting Attachment

"Mighty Midget"

Cradle

## Stanley Unishear

### "Mighty Midget" Cuts Up To 18 Gauge Steel

"Mighty Midget" is easier to handle than a pair of snips, and does smoother, cleaner work. It will follow any line, cut any shape — straight cuts, curves and angles with hair line accuracy. Inside cuts are made by punching a 1" hole and slipping the yoke through it. The tool is 100% safe — there is no possible chance for the user to cut himself.

The pivoted handle provides a comfortable grip for using the machine in any position. The switch trigger is conveniently located on the handle. Blades are interchangeable and easily ground. Regularly furnished with rubber covered three-wire cable and a long yoke as illustrated, but a short yoke can be furnished at no extra cost when specified. The short yoke is for working close to shoulders and beads on formed up pieces and in confined spaces.

#### Specifications

Motor: Universal type operates on either D.C. or A.C. 60 cycles or less. Voltages 110, 150, 220, 230, or 250. Specify voltage desired.

Type	Capacity	Speed	Minimum Radius	Length	Net Weight	Shipping Weight
"Mighty Midget"	18 U.S. Gauge (0.050") hot rolled steel or galvanized iron, No. 16 U.S. Gauge (0.0625") Aluminum, Brass, etc., 48 oz. Copper; Fibre and softer materials in proportion.	As you feed up to 15' per min.	1"	13 1/2"	7 1/2 lbs.	12 lbs.

#### ACCESSORIES FOR "MIGHTY MIDGET"

##### Cradle

Converts "Mighty Midget" to a stationary bench machine. Base and Bracket made of cast iron and finished in black; cradle strap is made of sheet metal and nickel plated. Furnished with screws for attaching to bench. Shipping weight 7 lbs.

##### Extra Blades

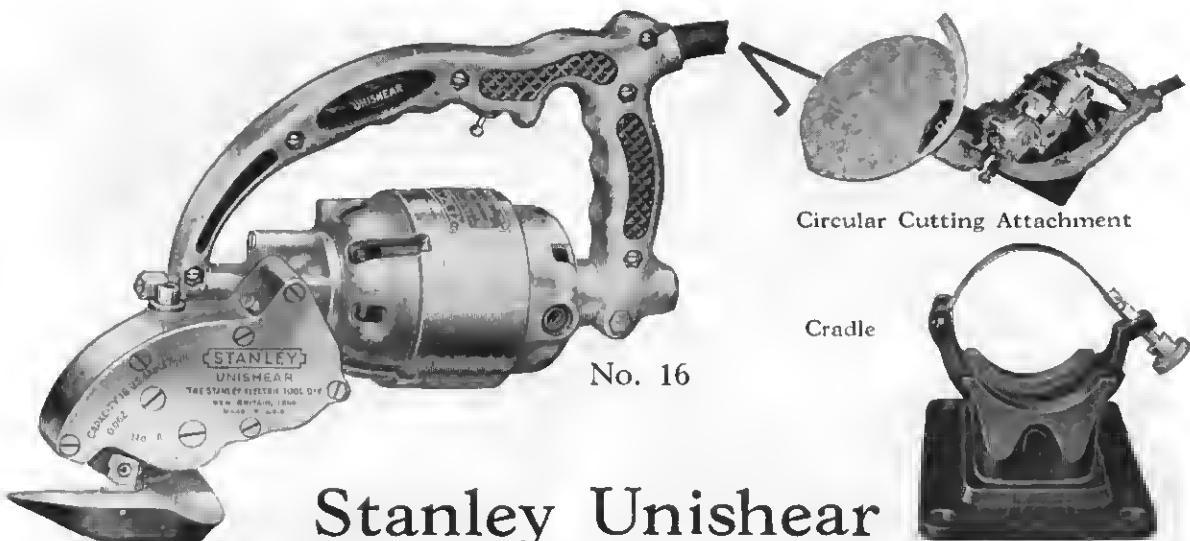
No. M22Y Standard.  
No. S22N — Blades of High Speed Steel, of a specially developed alloy for the toughest production cutting of sheet metals (not for cutting high carbon hardened stainless steels).

##### Extra Yoke

No. MO5YB Standard as shown on tool.  
No. MO5ZB Short for working close to formed up pieces.

##### No. C18 Circular Cutting Attachment

Used with "Mighty Midget" in Cradle to cut perfect circles. Simply punch a  $1\frac{1}{8}$ " hole in center of sheet and place it on center block which can be set and locked at any desired radius from  $2\frac{1}{2}$ " to 15". Nickel plated. Length overall  $15\frac{1}{2}$ ". Shipping weight 2 lbs.



No. 16

Circular Cutting Attachment

Cradle

## Stanley Unishear Cuts Up To 16 Gauge (1/16") Steel

This is the Unishear to buy if you cut heavier and tougher materials than can be cut with a Mighty Midget, but do not require the capacity of the 12 gauge, No. 144A Unishear. It cuts up to 16 gauge hot rolled steel (other materials in proportion) at a speed up to 15 ft. per minute. It cuts straight lines, curves, angles and notches with hair line accuracy, and turned up edges can be cut off close to the surface. Inside cuts can be made after punching a 2 inch hole in the material and slipping the yoke through the hole.

No. 16 Stanley Unishear is surprisingly light, making it easy to handle, and it is 100% safe. The pivoted handle permits using the machine in many positions and provides a comfortable grip for the operator. A double pole toggle switch is conveniently located in the handle. Blades are interchangeable and are easily removed for sharpening. Furnished with rubber covered three-wire cable, long yoke as illustrated, wrenches and a supply of lubricant. A special short yoke can be furnished for working in confined spaces and close to shoulders on formed up pieces.

### Special Features

Patented Unishear cutting action

Bronze worm gear, heavy alloy steel eccentric shaft mounted on oversize ball bearings.

Blades easily removed for sharpening

Rocker aligned between bronze guides.

Strong aluminum alloy housing and compact design gives great strength and minimum weight.

Gear case sealed against oil leakage and entrance of dirt, encloses mechanism in a continuous oil bath.

Powerful motor and steel worm, mounted on seal type ball bearing at front and bronze sleeve bearing at back.

Heat treated alloy steel yoke with micrometer blade clearance adjustment.

### Specifications

Motor: Universal type operates on either D.C. or A.C. 60 cycles or less. Voltages 110, 220, 230, or 250. Specify voltage desired. (Also available in 180 cycles, 110 or 220 volts.)

Type No.	Capacity	Speed	Minimum Radius	Length	Net Weight	Shipping Weight
16	16 U.S. Gauge (1/16") hot rolled steel or galvanized iron. Softer materials in proportion.	As you feed — up to 15' per minute	1 1/2"	13 1/2"	9 3/4 lbs.	14 lbs.

### ACCESSORIES FOR STANLEY UNISHEAR NO. 16

#### Cradle

Converts No. 16 Unishear to a stationary bench machine. Base and Bracket made of cast iron and finished in black; cradle strap is made of sheet metal and nickel plated. Furnished with screws for attaching to bench. Shipping weight 7 lbs.

#### Extra Blades

##### No. M22Y Standard.

No. S22N — Blades of High Speed Steel, of a specially developed alloy for the toughest production cutting of sheet metals (not for cutting high carbon hardened stainless steels).

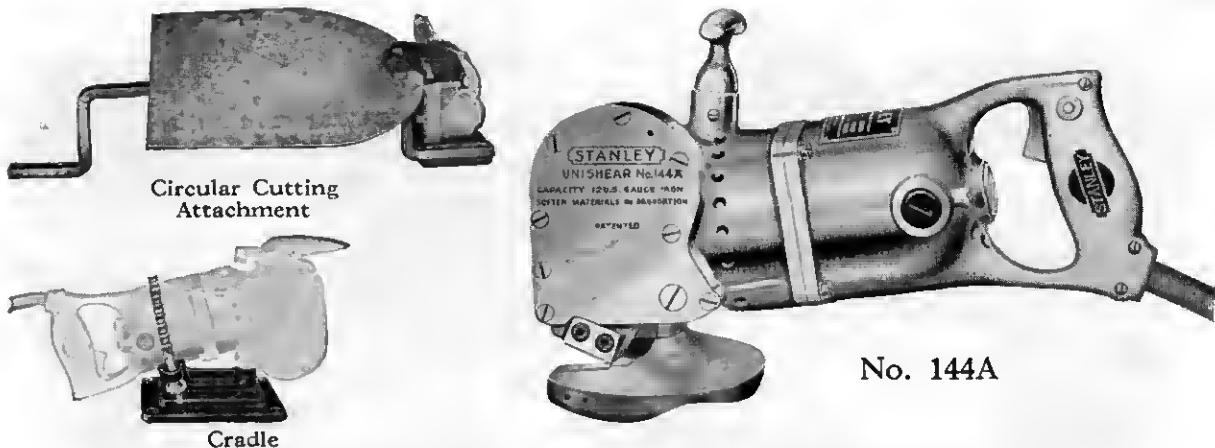
#### Extra Yoke

##### No. FG406 Standard

No. FG406B Short for working close to formed up pieces.

#### No. C16 Circular Cutting Attachment

Used with No. 16 in Cradle to cut perfect circles. Simply punch a 1/8" hole in center of sheet and place it on center block which can be set and locked at any desired radius from 3 1/4" to 18". Nickel plated Length overall 17 3/4". Shipping weight 2 1/2 lbs.



No. 144A

## Stanley Unishear

Cuts Up to 12 Gauge (7/64") Steel

A durable, portable Stanley-Unishear that opens new avenues of economy to users of heavy sheet materials. It cuts up to 12 gauge hot rolled steel, other materials in proportion, at a speed up to 15 feet per minute, yet it is light and portable. It cuts straight lines, curves, angles and notches with hair line accuracy, and is 100% safe. Inside cuts can be made by punching a 3 inch hole and slipping the yoke through. With this tool large sheets can be cut and trimmed, turned up edges cut off close to the surface, on the job. By carrying the machine to the work instead of the work to the machine, cutting time and expense are reduced to a minimum.

Furnished complete with long yoke, heavy rubber covered three-wire cable, swiveling "T" type handle, supply of lubricant and wrenches. A special short yoke can be furnished for working close to shoulders and beads on formed up pieces.

### Special Features

Patented Unishear cutting action.

Blades easily removed for sharpening.

Strong aluminum alloy housing and compact design gives great strength and minimum weight.

Powerful motor and steel worm mounted on seal type ball bearings.

Cuts to a minimum radius of 2 1/2" either right or left hand.

Bronze worm gear, heavy alloy steel eccentric shaft mounted on oversize ball bearings.

Alloy steel rocker aligned between bronze guides.

Gear case sealed against oil leakage and entrance of dirt, encloses mechanism in a continuous oil bath.

Heat treated steel yoke with micrometer blade clearance adjustment.

### Specifications

Motor: Universal type operates on either D.C. or A.C. 60 cycles or less. Voltages 110, 220, 230, or 250. Specify voltage desired.

Type No.	Capacity	Speed	Minimum Radius	Length	Net Weight	Shipping Weight
144A	12 U.S. Gauge (7/64") hot rolled steel or galvanized iron. Softer materials in proportion.	As you feed — up to 15' per minute	2 1/2"	14 1/2"	20 lbs.	36 lbs

### ACCESSORIES FOR NO. 144A

#### Cradle

Converts No. 144A Unishear to a stationary bench machine permitting operator to handle sheets with both hands. Base and Bracket are cast iron finished in black. Heavy roller chain and cradle stud which attaches to the machine after removing the "T" handle, rigidly hold the machine in the cradle. Shipping weight 6 1/4 lbs.

#### Extra Blades

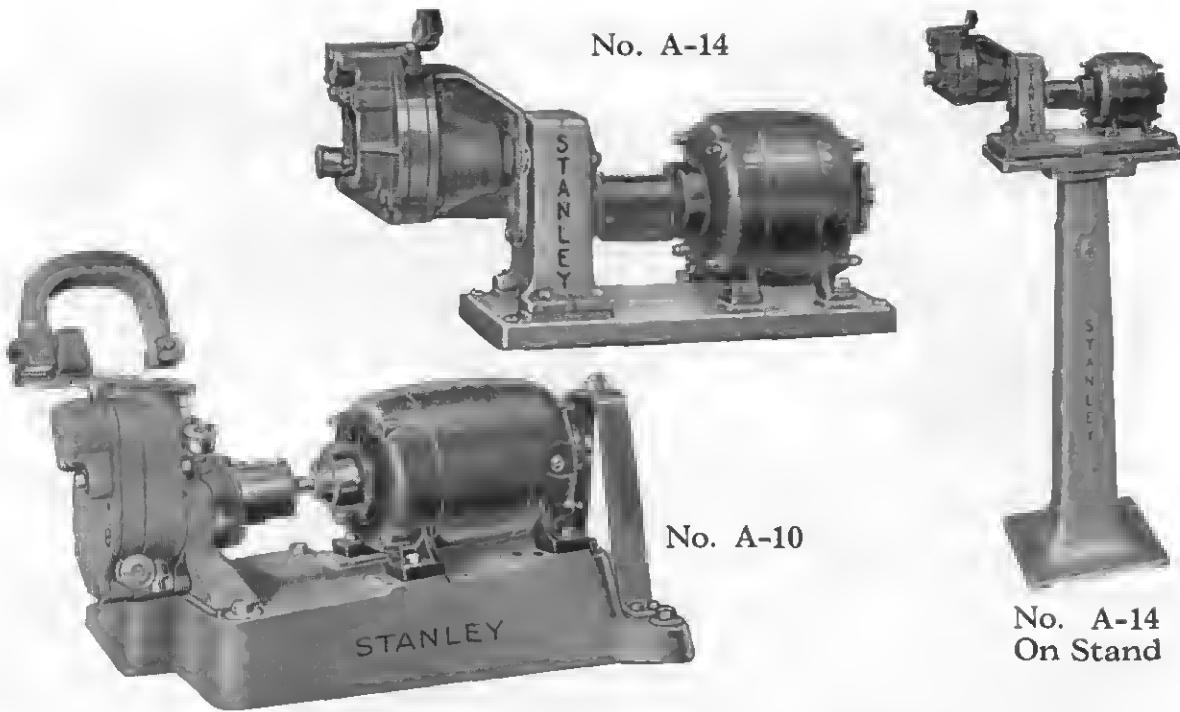
No. AA19 and No. AA20, Standard. No. S19N and No. S20N — Blades of High Speed Steel, of a specially developed alloy for the toughest production cutting of sheet metals (not for cutting high carbon hardened stainless steels).

#### Extra Yoke

No. FG405 Standard (shown on Unishear above).

#### No. C14 Circular Cutting Attachment

Used with No. 144A Unishear in a Cradle to cut perfect circles. Simply punch a  $\frac{7}{32}$ " hole in center of sheet and place it on center block which can be moved and set at any desired radius from 2 1/2" to 21". Nickel plated. Length overall 32 3/4". Shipping weight 15 lbs.



## Stanley Unishears

It requires no great skill to be an efficient Stanley Unishear operator — anyone with a little practice can soon cut straight lines, curved lines, angles and complicated notches easily and quickly without burrs or distortion of the metal.

Stanley Unishears operate from any lamp socket, permitting their use anywhere electric current is available. Without any extra preparation they can be taken out of the shop right to the work often saving their purchase price on one job.

They require but one operator even on the largest sheets. For working on very large sheets the machine can be set below the bench with only the cutter head protruding so that the bench supports the stock.

### Specifications

Motor: Not Universal, specify current, voltage, cycle and phase.

Voltages for No. A-14 and No. A-10: — A.C.: 110 volts, 60 cycles, single phase; 220 volts, 60 cycles, single phase; 220 volts, 50 cycles, 3 phase; 440 volts, 60 cycles, 3 phase. D.C.: 115 volts, 230 volts.

Additional Voltages for No. A-14: — A.C.: 110 volts, 50 cycles, single phase; 220 volts, 50 cycles, single phase. Stanley Unishears with other voltages and cycles furnished on special order.

Type No.	Capacity on Hot Rolled Steel or Galvanized Iron (other materials in proportion)	Speed (As you Feed)	Minimum Radius	Motor	Size of Base	Net Weight	Shipping Weight
A-14	No. 14 U.S. Gauge ( $\frac{3}{16}$ ')	Up to 15' per min.	3"	1/4 H.P.	7" x 15 1/2"	60 lbs.	80 lbs.
A-10	No. 10 U.S. Gauge ( $\frac{5}{16}$ ')	Up to 10' per min.	6"	3/4 H.P.	11 1/4" x 21 1/2"	170 lbs.	207 lbs.

### ACCESSORIES FOR STANLEY UNISHEARS No. A-14 and A-10

#### Extra Blades

Nos. AA19 and AA20 Standard for No. A-14.

No. 10-A-22 Standard for No. A-10.

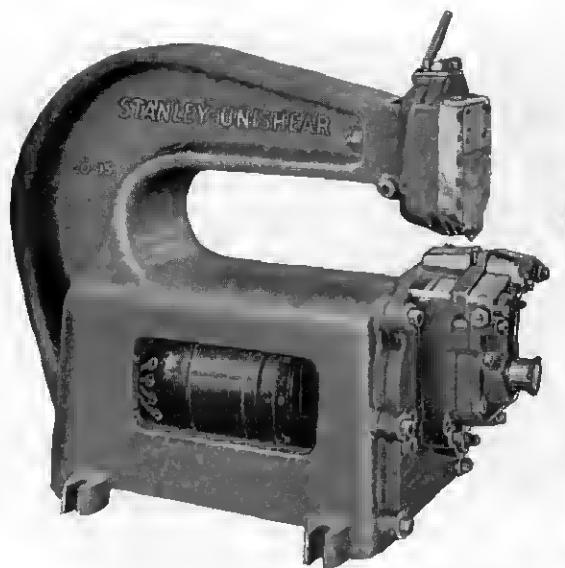
Nos. S19N and S20N (for No. A-14) — Blades of High Speed Steel, of a specially developed alloy for the toughest production cutting of sheet metals (not for cutting high carbon hardened stainless steels).

#### Extra Yokes

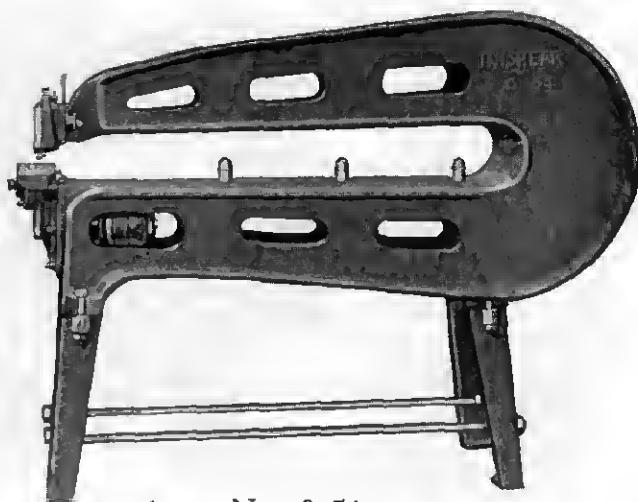
No. AA14 for No. A-14. No. 10-A5 for No. A-10.

#### Floor Stands

Cast iron pedestals assure a solid foundation for the machines and bring the blades to the most convenient height. For No. A-14 Shipping Weight 105 lbs. Net Weight 70 lbs. For No. A-10 Shipping Weight 160 lbs. Net Weight 127 lbs.



No. 0-15



No. 0-54



Circular Cutting Attachment for Type 0 Machines

## Stanley Unishears

The most versatile machines on the market for cutting sheet metal and other sheet materials. With them it's easy to cut small curves, complicated designs, straight or curved lines starting either from the inside or the edge of the sheet.

Stanley Unishears Type "O" combine all of the following features: (1) Cut holes or shapes inside a sheet, starting exactly at any desired point, without previously making "starting holes", and without cutting in from the edge of the sheet. (2) Cut curves to less than  $\frac{1}{4}$  radius and cut irregular curves, angles and notches with equal ease. The cutting mechanism of No. 0-15, No. 0-36 and No. 0-54 is identical, the frames only differ. All are furnished with 10 feet of rubber covered cable.

### Specifications

Motor:  $\frac{1}{4}$  H.P. not Universal. Specify current, voltage, cycle and phase.

Voltages: — A.C.: 110 volts, 60 cycles, single phase; 110 volts, 50 cycles, single phase; 220 volts, 60 cycles, single phase; 220 volts, 50 cycles, single phase; 220 volts, 60 cycles, 3 phase; 440 volts, 60 cycles, 3 phase; D.C.: 115 volts; 230 volts.

Type No.	Depth of Throat	Capacity on Hot Rolled Steel or Galvanized Iron	Speed (As you feed)	Minimum Radius	Size of Base	Net Weight	Shipping Weight
0-15	15"	No. 14 U.S. Gauge ( $\frac{5}{64}$ ')	Up to 15' per minute	$\frac{1}{4}$ "	21 $\frac{1}{2}$ "x16"	230 lbs.	290 lbs.
0-36	36"	Other materials in proportion			38"x13"	635 lbs.	725 lbs.
0-54	54"				51"x13"	1200 lbs	1425 lbs.

### ACCESSORIES FOR TYPE "O" STANLEY UNISHEAR

#### Extra Blades

No. 073 Standard for type 0 Machines  
No. 073 Special for small radii.

#### Lubricant

For all Stanley Unishears. Packed in convenient tubes and cans.

#### Floor Stands

Cast iron legs with supporting rods assure a solid foundation for the machine.

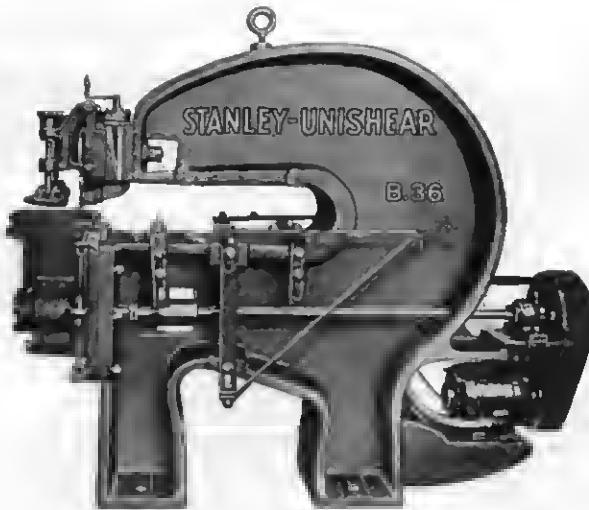
For No. 0-36 Shipping Weight 120 lbs.

For No. 0-54 Shipping Weight 125 lbs.

#### Circular Cutting Attachments

Perfect circles can be cut without making any center hole. Sheet is inserted in a turnable clamp which fixes the center point of the circle.

No. C36	No. C54
Depth of Throat	55 $\frac{1}{2}$ " 73 $\frac{1}{2}$ "
Minimum Radius	4" 4"
Maximum Radius (full circle)	25" 34"
Length overall	61" 79"
Net weight	41 $\frac{1}{4}$ lbs. 49 $\frac{1}{4}$ lbs.
Shipping weight	65 lbs. 80 lbs.



No. B-36

## Stanley Unishears

### Uses and Special Features of Type B

Many concerns that formerly cut heavy sheet material by torching methods or with old fashioned equipment are now using these safe rapid cutting Stanley Unishears and are saving time, money and stock.

They cut flat stock up to  $\frac{1}{4}$ " boiler plate, softer materials in proportion, at a speed up to 10 ft. per minute. The speed of cutting depends on how fast the operator wants to guide the sheet through the shears.

On even the largest sheets the operator has a clear view and can follow easily and accurately the given outline to be cut.

A cut can be started at any point within the sheet.

They cut any desired curve, and cut complete circles with a minimum radius of 6" on  $\frac{1}{4}$ " material and even less than 3" radius on lighter material. This "turn-ability" is made possible by the specially shaped blades and the patented cutting principle.

The patented blades are made of special alloy steel, carefully hardened and tempered. They are easily resharpened and will last a long time on even the hardest work.

Powered with either motor or belt drive. A 2 H.P. motor is all that is required for motive power. If a motor is desired it can be built into the machine, making a complete unit.

Swinging arms provide support for large sheets. Ball bearing casters facilitate feeding by furnishing frictionless points of support. For complete description ask for folder 63B.

#### Specifications

Optional 2 H.P. motor drive or belt drive. Motor drive requires 2 H.P. motor with Textrope connection.

Type No.	Depth of Throat	Capacity	Speed (As you feed)	Minimum Radius	Dimensions	Shipping Weight
B-36	36"	Up to $\frac{1}{4}$ " Boiler Plate, other materials in proportion	Up to 10' per minute	6"	6' x 2' x 6'	5500 lbs.
B-50	50"				7' x 3' x 9'	7500 lbs.



## Uses for Stanley Unishears

Efficient, economical and versatile tools for cutting all kinds of sheet materials up to their rated capacities. These are some of the production and maintenance jobs on which they have been used to save money.

### Production

Cutting iron, copper, aluminum, zinc, tin, leather, fibre, wire, linoleum, cloth, etc.

Manufacturing: radiator shutters, auto bodies, metal furniture, stoves, furnaces, ventilating and blower systems, signs — neon, outdoor, lithograph, metal, etc., aeroplane accessories, small manufacturing lots not warranting expense of dies, arch supporters, trunks and bags, steam tables, soda fountains, etc.

Making metal and fibre patterns.

Making experimental parts before production.

Making metal lining for caskets, boxes, etc.

### Maintenance

Cutting iron, copper, tin, leather, fibre, wire, linoleum, cloth, etc.

Making machine guards, covers, tanks, etc.

Repairing ventilating systems, blower systems, furnaces, etc.

Installing spray booths, partitions, shelving, etc.

Repairing and altering metal patterns.

Repairing buses, trucks, street cars, railroad cars, street rubbish cans and trucks, shelving, platforms, trays, etc.

# STANLEY ELECTRIC TOOLS

*"Cost Less Per Year!"*

